

NEXUS

NEW TIMES MAGAZINE

Volume 7, Number 2 FEBRUARY – MARCH 2000

PO Box 30, Mapleton Qld 4560, Australia

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NEXUS MAGAZINE

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STATEMENT OF PURPOSE

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Editorial

At the risk of sounding like a Gregorian imperialist, welcome officially to the year 2000! I must admit to a sense of relief at the minimal 'millennium bug' damage experienced around the planet—so far. But even as we go to print, I know of several small/medium-sized businesses which are having accounting glitches related to the date changeover. Was the hype and expenditure worth it? Will we hear of major Y2K-related problems emerging as the year progresses? I doubt the latter, mainly because insurance companies don't cover 'millennium bug'-related problems.

Meanwhile, it might pay to keep prepared for emergencies—should the weather predictions for this year prove to be correct. This issue contains an interview with Australian-born astrometeorologist Jennifer Lawson, author of *Violent Weather Predictions 2000–2001* (see Reviews section). If her impressive forecasting track record continues for this year, then global storms, floods, earthquakes and volcanic eruptions will increase in both number and severity. Her book gives further details on what to expect in your part of the world.

Those mysterious 'chemtrails' are back in the news (as I write this, anyway). More and more Internet discussion lists and groups have been going 'off-topic' lately and complaining about planes flying back and forth overhead, leaving vapour trails which then cause everyone in the neighbourhood to get sick. The reports coming in from the USA and Canada are downright scary. An update from investigative journalist William Thomas is in the DeBriefings section this issue. Are the contrails linked to the massive 'flu' outbreaks in North America? I hope the mainstream media pick up on this important story very soon.

I also notice on the Internet that the 'reptilian' debate is still raging. Are they for real? If yes, are they good, bad, or just plain ugly? Maybe, like the human species, there are nice, unpleasant and indifferent types? Few people I correspond with have ever heard of the Jim Sparks case, which we have included in this issue. Extracted from Linda Moulton Howe's excellent book, *Glimpses of Other Realities – Vol. II*, the Sparks case contains some fascinating gems, including the concept of an amnesty being granted to 'those in power' so they can come clean on the UFO/suppressed technology issue.

In the middle of last year I received a remarkable letter, with documentation, from a doctor whose 17-year-old son was recently cured of a giant cell tumour (cancer) of the left tibia by Gaston Naessens's 714X treatment. It's been six years since we last reported on Gaston Naessens, and I felt this letter was a good prompt to bring his discoveries and research to our expanded readership.

This edition sees the start of yet another series concerning drug corruption in high places. Here, we learn of an imprisoned former Green Beret who is suing the CIA, George Bush (Sr) and others over their complicity in drug trafficking operations and cover-ups. Regular readers will note how Tyree's allegations closely match and even confirm those of many previous (now dead) whistleblowers.

And speaking of prisoners, that letter last issue from Jerry, the prisoner in Texas serving 60 years for possession of one gram of cocaine, sparked many warm hearts. Unfortunately though, the Texas Department of Corrections refused to let most mailed items through, based on various bureaucratic ideologies. This prompted a rash of letters from readers who had their items returned to them with various form-letters. On the other side of the coin, our American office has experienced a veritable flood of scrawled notes from other prisoners wanting to get free magazines. Judging by the sheer volume of letters, there is one heck of a lot of prisoners who read and pass on their precious copy of NEXUS! Then, on top of all that, we received a couple of letters—like the one from Chris this issue, complaining that we are soft on criminals and that he might consider committing a minor offence just to get a free subscription. So to be clear, we do not give free subscriptions to all or any prisoners. We have been sending a couple of dozen freebies per issue to selected prisoners, usually whistleblowers, for the past seven or eight years. We may add a few more to the list, but that will be all.

Finally, I would like to take this opportunity to announce the date of our annual NEXUS Conference. Get your diary out now and write it in: 20–21 May. It's at the Gazebo Hotel in Elizabeth Bay, Sydney. At this stage, speakers include Bruce Moen, David Morehouse, Cathy O'Brien and more. Contact your nearest NEXUS office for details, or Australian readers can check out the speaker details in the advertisement (p. 10) this issue.

— Duncan

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Letters to the Editor ...

A Beacon for Truth Seekers

Duncan: I wish to comment on your Letters to the Editor section in the latest issue of NEXUS [7/01]. In the reply to "Shapeshifting Claims" by David Icke, I am stunned that you could tolerate such garbage. This fellow is confusing facts with negative emotion—what a waste!

Regarding "Reading for Sanity", well done. I must admit that your approach to people in difficult circumstances is first-rate, and it is a pity that more magazine publishers don't follow your lead.

In my view, you have taken NEXUS well beyond the realm of mere magazine; it's become a beacon to those of us who are not afraid of the truth. I know that you are regularly pressured by the establishment to stop revealing information that goes against what we are expected to accept, and that you have so far resisted. Your courage will be rewarded!

Warmest regards,

David Burns, ziggy0@hawknet.com.au

Anti-perspirants & Cancer

Some time ago I attended a breast cancer awareness seminar put on by Terry Birk with support from Dan Sullivan. During the Q&A period, I asked why the most common area for breast cancer was near the armpit. My question could not be answered at that time. My question has since been answered.

The leading cause of breast cancer is the use of anti-perspirant. A concentration of toxins leads to cell mutations: aka *cancer*. Yes, *anti-perspirant*. Most of the products out there are an anti-perspirant/deodorant combination, so go home and check your labels. Deodorant is fine; anti-perspirant is not. Here's why.

The human body has a few areas that it uses to purge toxins: behind the knees, behind the ears, the groin area and armpits. The toxins are purged in the form of perspiration.

Anti-perspirant, as the name clearly indicates, prevents you from perspiring, thereby prohibiting the body from purging toxins from below the armpits. These toxins do not just magically disappear. Instead, the body deposits them in the lymph nodes

below the arms, since it cannot sweat them out.

Nearly all breast cancer tumours occur in the upper outside quadrant of the breast area. This is precisely where the lymph nodes are located.

Additionally, men are less likely (but not completely exempt) to develop breast cancer prompted by anti-perspirant usage, because most of the anti-perspirant product is caught in their hair and is not directly applied to the skin.

Women who apply anti-perspirant right after shaving increase the risk further, because shaving causes almost imperceptible nicks in the skin which give the chemicals entrance into the body from the armpit area.

Breast cancer is becoming frighteningly common. This awareness may save lives. If you are sceptical about these findings, I urge you to do some research for yourself. You will arrive at the same conclusions. Thank you.

Katrina Scott, Assistant Director of Sports Marketing, University of Maryland, PO Box 295, Cole Field House, Campus Drive, College Park, MD 20741-0295, USA

The Red Sky Prophecy

Dear Editor: In NEXUS Dec 1999–Jan 2000 [7/01], there was an article entitled "Night of the Red Sky: the Prophetic Vision of 'Grandfather'".

I, too, have seen the vision of the bleeding skies. I was teaching seminars in Switzerland in 1995 when I received a vision which instructed me to "go to America, learn Stalking Wolf's Vision and Prophecies and share them with the world". I immediately contacted Tom Brown's school in New Jersey and started training with Tom (who was taught by Stalking Wolf for 10 years).

It was during this time that I was taken in spirit to the Eternal Cave and shown the vision of the Red Skies. It affected me so deeply and completely that I took the techniques that Stalking Wolf said could prevent the Red Skies from occurring and put them together into two weekend seminars, entitled "Sacred Silence", which I have been teaching in Australia and worldwide for four

years. I am also a distributor for Tom's books, including *The Quest*, from which the article on the Red Skies was taken.

Grandfather said it is our *choice* about the future we create. I invite the readers to come and join me in creating a world of balance and wholeness while we still have the choice.

Gary Samer, Sacred Silence, 25 Kasch Road, Coffs Harbour, NSW 2450, Australia

Due Credit to Midge Ure

Dear Duncan: As regular subscribers, we look forward to reading NEXUS every month, but feel that we have to correct a mistake and also ask that recognition be accorded where it's due in Tom Brown's "Red Sky" (Four Horsemen?) story in the December 1999–January 2000 issue [7/01].

The song "We Are The World" was a belated American response to the original Ethiopian fundraiser, "Do They Know It's Christmas?", jointly written by the Irishman Bob Geldof and the Scot, James "Midge" Ure of Ultravox fame—who is usually forgotten, for some reason. Between them they arranged for many musicians to record "Do They Know..." under the name "Band Aid" and gave the profits to charity. "Live Aid" consisted of a huge open-air concert, televised worldwide, in the summer of 1985 in the UK, with some of the artistes getting on planes to the USA and playing again when they got there.

Please correct this mistake—and be the first to credit Midge Ure for his input. Thank you.

Barry and Norma Lees, starman@sky2000.fsnet.co.uk

Joe Fuel Cell & Orgone Energy

Dear Duncan: I appreciated Alex Schiffer's article on "The Joe Fuel Cell: Orgone Energy Accumulation" (NEXUS 7/01) because of my own experience with the orgone energy discovered by Wilhelm Reich.

On a trip to London, I went with a BBC producer named Jon East to an infrared imaging lab with an orgone box. Reich and colleagues demonstrated many times that the temperature inside an orgone box is always one or two

degrees higher than the ambient temperature of the room. It obviously has great potential as an energy source. In fact, Reich himself created a motor that ran on orgone.

Using the most advanced software available for infrared imaging, East and I established again the reality of the temperature difference. Reich, of course, was carted off to the hoosegow and ushered into an early death, in part because his discoveries were such a threat to the oil monopoly. I'm encouraged, though, when people like "Joe" and Alex Schiffer encounter the same phenomenon and understand its implications.

Incidentally, Jim Martin of Flatland Books has written a new book about Reich, entitled *Wilhelm Reich and the Cold War*, that should be available at about the time this letter gets printed (the address is POB 2420, Ft Bragg, CA 95437), and I highly recommend it to readers interested in orgone.

Kenn Thomas, *Steamshovel Press*, PO Box 23715, St Louis, MO 63121, USA, www.umsl.edu/~skthoma

Asthma Relief with Buteyko

Dear NEXUS: I was interested to see the recent NEXUS article on Professor Buteyko's drug-free treatment for asthma [6/05], since I have suffered from asthma since I was about six. It has never been life-threatening, but was serious when I was younger and I usually needed to use my inhaler to allow me to walk to school. Although it has improved over the years, I've had regular periods of flare-ups.

I was in fact going through one of these last August, needing my inhaler two or three times a day, when I saw a Dutch TV program on Professor Buteyko's treatment.

I had another attack that night and, for curiosity more than anything, thought I'd try holding my breath for 30 seconds or so before taking the inhaler. This isn't particularly uncomfortable during an asthma attack because, of course, it doesn't involve breathing. I didn't really think it would help, particularly since (as reported in NEXUS) the professor holds extended classes to train asthmatics to hold their breath for much

... more Letters to the Editor

NB: Please keep letters to approx. 100 to 150 words in length. Ed.

longer periods. When I breathed out, though, I felt virtually the same relief as if I had taken my inhaler, and fell asleep soon afterwards. Over the last 15 months, I've done this whenever I feel an attack coming on, and each time the attack has passed.

My experience is of course "anecdotal" and likely to stay that way. NEXUS readers will know that the professor's method is unlikely to be widely researched without drug companies' funding. With their marketing executives all aiming—by definition, really—to take a larger share of the (huge) asthma "market", they are unlikely to fund research that will likely cut drug use. Any attempts to reduce the size of the market itself must seem nothing short of vandalism...

In 40 years of having asthma, I've never been this long without drugs. Perhaps it is indeed the placebo effect. The mainstream doctors' contempt reflects the current medical view of this as showing nothing more than human gullibility. I think I take the alternative view, that it is the best form of healing—the body healing itself. However, I don't really care. The professor gave me a sense of control over my asthma—something that, before last year, I would have thought impossible. My thanks go to him.

Mitch Beedie, Dorset, UK

Free Subscriptions for Victims?

Dear Editor: First of all, I would like to say that I very much enjoy your magazine, which is very informative, particularly in regards to the NWO, multinational corporations, government cover-ups and so on.

Now, in regards to your response to Jerry Hamilton, a convicted criminal from Texas [Letters, 7/01]. I'm a hard-working father of two, trying hard to support my family, pay a mortgage. I would classify myself as an average "Aussie battler". I have never been in any trouble with the law, except for a couple of speeding fines, but I've never committed any crimes.

As any Aussie, I'm finding it harder and harder to make ends meet in the brave new world of industrial relations imposed upon us by the Howard government—

not that Labor was much better. As my NEXUS subscription comes up for a renewal, could I please have it sent free of charge, the same as Jerry? I like NEXUS so much, I might even consider committing a small crime—nothing major, just enough to qualify for a free subscription.

You are also saying that you send NEXUS for free, upon request, to many prisoners. Are you sending free NEXUS subscriptions to their victims as well?

Jerry Hamilton says that he got 60 years just for a possession of a gram of cocaine. What a lovely sob story. I would like to see his charge sheet, how many priors he had, and who he was going to sell this coke to—your children, my children, or was he peddling his wares in front of some high or even primary school?

In Australia, we are having people serving 15 years, with parole, for importation of many kilograms of prohibited drugs, and this poor, misunderstood child of our society got 60 years just for one gram?

And why is he in solitary confinement? I would like to see his prison charges and incident reports. He refuses what he calls slave labour? And what about the good taxpayers of Texas footing the bill for his upkeeping?

I think it is time we stop feeling sorry for criminals and start feeling sorry for victims. Victims are the ones who deserve free subscriptions. Sorry for my outburst, but sometimes I feel so frustrated watching our society turning right and wrong upside down. I really enjoy your magazine.

Yours,

Chris, krzysj@bigfoot.com

[Dear Chris: You raise valid points in your letter—and given the huge number of prison inmates wanting free magazines, I will have to reassess the situation or go broke being nice!]

I would also like to point out that drug-related criminals are also victims—victims of an insane system which says one drug is okay (alcohol, pharmaceuticals, etc.) and another (comfrey, cocaine, etc.) is not.

As for right and wrong, I agree with Shakespeare: "Nothing is right or wrong: thinking makes it so." Ed.]

Shaken Babies & Vaccinations

I read an article that describes controversy over "Shaken Baby Syndrome" versus the pertussis vaccine [5/05]. It states that a number of suspected SBS cases turned out in actuality to be complications caused by the pertussis vaccine.

I would like to contact the author of that article to find out if an infant who actually was diagnosed with pertussis could also be mistakenly diagnosed as a "shaken baby". My daughter had pertussis and my husband was unfortunately alone with her when she had a seizure. An MRI showed she had some haemorrhaging on her brain. Therefore he is being charged with child abuse. I don't believe he shook her, and I am desperately trying to find professional help to advise us.

If you have any suggestions on whom to contact, I would be so grateful! We need to find answers asap. Thank you.

Holly, whisper@chibardun.net
[Dear Holly: The article's author, Viera Scheibner, PhD, lives in the Blue Mountains region of NSW, and can be contacted by telephone on +61 2 4787 8203, or by fax on +61 2 4787 8988. Good luck. Ed.]

Sugar (and other) Blues

Dear Duncan: I find NEXUS so informative and useful in my work that I feel slightly guilty that I never write and tell you so!

This time I had to, as you were extolling one of my favourite and incredibly useful bits of literature: William Dufty's *Sugar Blues*, a fantastic and well-written book. I always keep two copies of books like that so I can lend one (which I note is still out and I have no idea where!).

I have always eaten very strictly, having learnt how to when our youngest was supposed to die of cancer years ago, and it was sugar that was part of the trigger for that malaise.

But it was not until I heard one of Joel Wallach's tapes that I realised that a sweet tooth was caused by a lack of calcium and magnesium. For the first time in my long life I can walk past a pavlova without having pangs!

Animal experiments leave me speechless. Given that nearly all

the wretched animals used for testing have adequate vitamin C in their bodies (unlike humans who have none), how can they possibly assess risk factors, as the vitamin C will to some degree nullify the side effects? (I know that guinea pigs don't, poor little sods.)

Short and deadly clip in this week's *Weekly Times* (w/c 5 December): Researchers at New York University found that GM corn leaked the insecticide into the soil from its roots. The insect-killing toxin Bt exuded from the roots as well as the above-ground foliage.

Scientists, writing in the journal *Nature*, described how they identified the fully active toxin in the soil surrounding the roots of Bt corn. It remained active for 25 days (this is not completely verbatim). Environmental campaigners sounding warning bells—probably too late for that.

All the best for Christmas and That New Year.

Pat Coleby, Victoria, Australia
[Dear Pat: Apparently Sugar Blues is available on the Internet via www.amazon.com. Ed.]

Psychiatry: Fraudulent Science

Dear Sir: I do not know if this letter is worth publishing or not, but I just want to say in reference to your recent article in NEXUS, "Psychiatry: Shrinking from the Truth" [7/01], that I have had occasion to consult psychologists over the years in the hope that they might be of some benefit to me, and have found to my cost that they have been of absolutely no help whatsoever. In fact, on at least one occasion, these "professionals" have done me much "psychological damage"!

This was a very good article, and it points out what I have long believed: that psychiatry and psychology are fraudulent "sciences" and unworthy of respect.

I think the problem lies in a fake understanding of the human psyche—and the "solutions" of psychiatry are only making matters worse.

I also think the writer is correct in recommending meditation as a possible remedy for many of the ills that affect us.

Yours faithfully,

[Name and address supplied]

DIGITISED DRUGS: HAVE CHIP, WILL TRIP!

An unnamed senior analyst from Britain's National Criminal Intelligence Service (NCIS) "went off the deep end" at the September 1999 crime-fighting conference in Garmisch-Partenkirchen, Germany, sponsored by the FBI and the George C. Marshall European Centre for Security Studies.

The analyst claimed that "digitised drugs"—non-chemical narcotics or hallucinogens transmitted across the Internet by criminals to create new forms of addiction—could eventually replace heroin, crack cocaine or LSD.

This new generation of drugs, whose effects can be experienced without the need to possess illegal chemicals, involves implanting into the body a silicon chip able to pick up a signal that delivers "highs" every bit as addictive as the smartest designer drugs.

(Source: *Intelligence*, no. 106, 8 November 1999, p. 6; see also *NEXUS 6/05 Science News*, "From Water Memory to Digital Biology", by Dr Jacques Benveniste, and *Global News 6/01*, "Molecular memory could be transmitted by e-mail".)

TRANSCIVER IMPLANT CAN BE SATELLITE-TRACKED

Applied Digital Solutions, Inc. of Palm Beach, Florida, USA, recently announced that it has acquired the patent



rights to a miniature digital transceiver—which it has named "Digital Angel"—that can be used for a variety of purposes, such as providing a tamper-proof means of identification for enhanced e-business security, locating lost or missing individuals, tracking the location of valuable property and monitoring the medical conditions of at-risk patients.

The implantable transceiver sends and receives data and can be continuously tracked by GPS (global positioning system) satellite technology.

The transceiver's power supply and actuation system are unlike anything ever created. When implanted within a body, the

device is powered electromechanically through the movement of muscles, and it can be activated either by the "wearer" or by the monitoring facility.

A novel sensation-feedback feature will even allow the wearer to control the device to some degree. The "smart" device is also small enough to be hidden inconspicuously on, or within, valuable personal belongings and priceless works of art.

Commenting on Digital Angel's many potential applications, Richard J. Sullivan, Chairman and CEO of Applied Digital Solutions, Inc. (ADS), said: "Although we're in the early developmental phase, we expect to come forward with applications in many different areas, from medical monitoring to law enforcement."

Sullivan added that the multi-purpose technology would enable ADS to tap into a vast global market with an estimated total value in excess of US\$100 billion.

(Source: *Applied Digital Solutions, Inc.*, 17 December 1999, www.adsx.com/news/)

STANDOFF OVER PINE GAP TREATY EXTENSION

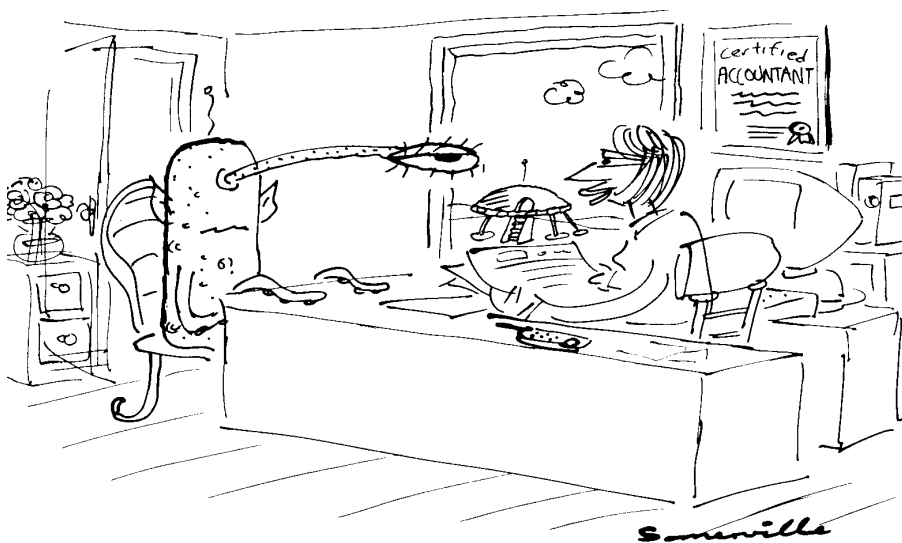
The Australian Federal Parliament's Treaties Committee recently stated that it cannot obtain enough information about the purpose or operation of the secret United States satellite intelligence base at Pine Gap in the Northern Territory.

The Committee was denied full access to the Alice Springs base, which is officially operated by Australian intelligence and the CIA when it is, in reality, a US National Security Agency (NSA) base.

Describing the standoff as "untenable", the Committee says it cannot make a positive finding on the treaty to extend the operation of Pine Gap for a further 10 years.

The last time this happened, the Australian [Whitlam] Labor government was simply dismissed—by "friends of the US". This time, Labor is in the Opposition and has issued a report saying the treaty should not be extended until the Committee is given a copy of the secret 1966 agreement which established the base.

(Source: *Intelligence*, no. 106, 8 November 1999, p. 31)



"Three billion light years? Yes, we could have claimed that as business travel if you'd come by car."

ASIO'S NEW POWERS THREATEN OUR PRIVACY

On 29 November 1999, ASIO (the Australian Security Intelligence Organisation) received approval to hack personal computers and bug online communications under the new ASIO Amendment Bill, which is a technology update based on the recommendations of the Walsh Report—a secret review of security arrangements, made by former ASIO Deputy Director Gerard Walsh.

The Bill goes even further, by: enabling ASIO to access money-laundering records compiled by the Australian Transaction Reports and Analysis Centre (AUSTRAC); allowing the organisation to share data with foreign criminal-intelligence bodies; limiting ASIO's requirement to disclose information to the Minister; and permitting ASIO to charge fees for providing intelligence services.

(Source: Intelligence, no. 108, 13 December 1999, p. 31)

USA LOSING THE DRUGS WAR

Late last October, retired US Army General Barry McCaffrey, 56, director of the White House Office of National Drug Control Policy and better known as the US "drug tsar", arrived in Western Europe to "read the gospel" to the pagans and was met with equally fervent public opposition.

McCaffrey was appointed by President Bill Clinton in 1996 and is now in charge of a \$17.8-billion federal drug control budget. He had been an adviser to President Clinton on Latin American internal security policy.

McCaffrey's somewhat categorical statements concerning drugs have often been contradicted by US and other international officials.

One of his more controversial claims concerns the Netherlands and its liberal drug policies of providing needle exchanges for addicts and sanctioning the sale of cannabis in regulated cannabis cafés. "The murder rate in Holland is double that in the United States, and the per capita crime rates are much higher than the United States," he said last year. "That's drugs."

The Dutch Ambassador to the US responded that McCaffrey's claims had "no basis in fact". The figures quoted by McCaffrey showed that the US had a rate of 8.2 murders per 100,000 population,

compared with 17.58 in Holland. But he had included the Dutch "attempted murders" figure when the true figure was 1.8 per 100,000—less than a quarter of the American murder rate.

McCaffrey didn't mention the fact that the US heroin addiction rate is about eight times the Dutch rate, thus disproving that cannabis is a "gateway drug" to heroin addiction.

When he last visited the Netherlands, his figures on Dutch drug use were publicly corrected in his presence. During that reception, he mentioned (off the record): "Your heroin addicts sure look in good shape."

It could be that the Dutch are doing something right, and 60,000 young people aren't being "warehoused" in prisons for marijuana offences—as in the US where prisons have now become America's second-largest industry.

On 4 November 1999, in an unexpected open letter, prominent leaders from the Americas declared the costly US-led drug war an unmitigated failure and urged the anti-drug officials to call a halt to the so-called "war on drugs".

The letter to delegates at the Washington anti-drugs conference was signed by politicians, jurists, doctors, artists and religious leaders, and stated that the approach of "prohibition enforced by a militarized drug war is fundamentally flawed" and that "It is time to admit that, after two decades, the US war on drugs is a failure".

(Source: Intelligence, no. 106, 8 November 1999, pp. 1, 8)

ARE PHOTOCOPIERS DESIGNED TO KEEP TABS ON US?

Recently we were forwarded the following item from one J. J. Johnson. We hope to publish updates as they come to hand. Ed.

It started off innocently enough. Due an identification problem with my local phone company, I went out to get color copies of both my driver's licence and my social security card. The day was Saturday, November 20, 1999. I went to the local Kinko's Copies. It was a simple request. The supervisor took my ID and made a black and white copy, then handed it to me.

"Excuse me," I said. "I asked for color copies."

He responded that he could not do that. "It's illegal," he replied.

I asked him to explain his statement and he told me it had to do with people who might engage in counterfeiting. He was not accusing me, since it was obvious the photo on the Nevada driver's licence matched my face. I offered a compromise.

"What if you just copied them and ran a red line through them so they could not be copied again?"

His response is what makes this story so hot.

"Sir, all these machines place invisible codes on the copies. If the Secret Service tracked this back to this store and me, I would be in big trouble."

If this last statement raises your eyebrows, you are not alone. It also caught the attention of at least seven other people at Kinko's that morning who were copying



... GLOBAL NEWS ...

their own documents. In fact, for about four to five seconds, all activity at this Kinko's stopped—meaning that this was not widely known information.

"Secret Service?" I asked.

The customers also waited for an answer. The Kinko's supervisor repeated the same statement again. In shock, I walked away and paid for my copies.

But there's more: After paying, I was compelled to return to this person and thank him for this information. But I wanted to talk to him alone and press for more information. I found him with another customer, converting computer documents from IBM to Mac format. When I approached, it was as if he already knew what I was thinking. I thanked him.

He replied: "It's not just Kinko's. The same thing will happen everywhere. All the machines are like that. I personally know that Xerox had to sign a contract with the government in order to be allowed to sell them."

(Source: J. J. Johnson, 20 November 1999, www.jj-johnson.com/)

POWER OF PRAYER CONFIRMED?

Don't panic if you haven't. According to a study just published in *Archives of Internal Medicine* (vol. 159, p. 2273), prayers can help patients recover, even when they don't know that people are praying for them.

William Harris, of Saint Luke's Hospital in Kansas City, Missouri, USA, studied patients who came to the hospital's coronary care unit, and found that the 466

patients in the group who were prayed for had a significantly better outcome than the 524 patients who received no prayer.

Harris believes his study is as rigorous as most drug trials. "If people are willing to accept the outcome of a drug study...they have to accept this one, too," he says.

(Source: *New Scientist*, 13 November 1999)

BREAKING THE BLOOD-BRAIN BARRIER

Researchers at the University of Maryland School of Medicine, Baltimore, USA, have identified a receptor in the human brain that regulates the interface between the bloodstream and the brain—the so-called "blood-brain barrier".

The findings, published in the *Journal of Neurochemistry* (January 2000 issue), could lead to a new understanding of this nearly impenetrable barrier and to treatment of diseases that affect the brain.

The blood-brain barrier is a collection of cells that press together to block many substances from entering the brain, while allowing others to pass. For years, scientists knew little about how this barrier is regulated or why certain diseases are able to manipulate the barrier and infect the brain.

Research conducted at the University of Maryland School of Medicine found that two proteins, known as *zonulin* and *zot*, unlock the cell barrier in the intestine. The proteins attach themselves to receptors in the intestine to open the junctions between the cells and allow substances to be absorbed. The new research indicates that

zonulin and *zot* also react with similar receptors in the brain.

"The identification of these proteins in the human brain holds the promise of allowing us to deliver new types of medications across the blood-brain barrier. It would be a boon to humanity if the blood-brain barrier could be opened briefly, and safely, to allow passage of a new generation of drugs into the brain," says co-author Ronald Zielke, PhD, professor of paediatrics and director of the brain and tissue bank at the University of Maryland School of Medicine.

(Source: *University of Maryland Medical Center*, 4 January 2000, www.umm.edu/)

SATELLITES TO STOP SPEEDING CARS IN THEIR TRACKS

British and European drivers might soon be automatically stopped from speeding by an electronic device that could be fitted to all cars within 10 years.

The system uses satellite navigation to pinpoint the location of each vehicle, an in-car computer loaded with a road map and the speed limits for each street in the country, and a device to cut off the fuel supply if the speed limits are exceeded.

Researchers predict that the equipment, expected to cost only a few hundred pounds per car, will come to be widely accepted as a life-saver—just as seat-belts were, despite the fierce resistance initially.

The trials were commissioned by the UK Department for Environment, Transport and the Regions and were carried out by a team at Leeds University together with the Motor Industry Research Association.

Their final report is expected to recommend a 10-year phasing-in period, with the system initially voluntary for older models, compulsory for all new cars by 2005 and mandatory by the end of the decade.

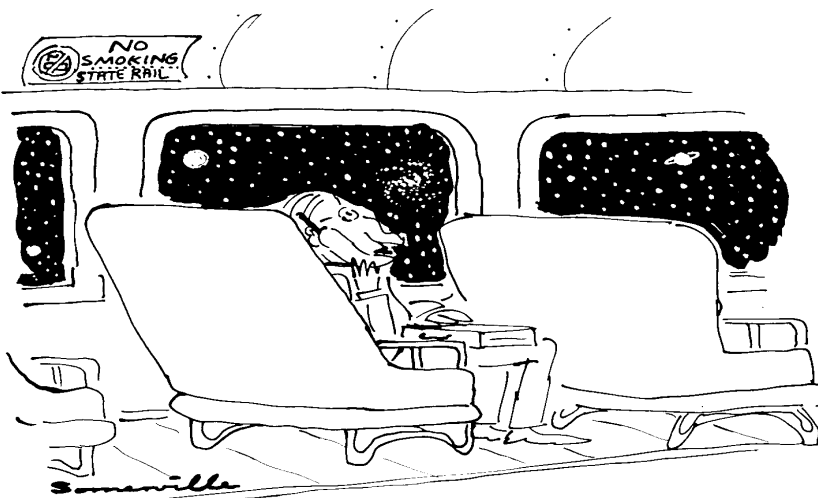
(Source: *Sightings*, 4 January 2000, www.sightings.com)

SECURITY SYSTEM AIMS TO 'TRIP-UP' CRIMINALS

A new security system being developed in Britain can identify individuals by the unique way in which they walk.

Unlike faces and irises, someone's gait can be spotted from a great distance with low-resolution cameras, and so be observed from just about any angle.

A gait is also very difficult to mask, says Mark Nixon, a computer scientist at Southampton University's Image, Speech



"Honey, sorry to keep you waiting at the station, but I think I nodded off and missed my stop."

and Intelligent Systems group. "When people rob banks, they tend to wear motor-bike helmets or some form of disguise," he explains. But you can't disguise your walk without drawing attention to yourself or impeding your escape.

(Source: AI in Engineering, vol. 13, p. 359; New Scientist, 4 December 1999)

DENTISTRY PROFESSOR'S BACKFLIP ON FLUORIDATION

Dr Hardy Limeback, DDS, PhD, head of Preventive Dentistry at the University of Toronto and a spokesperson for the Canadian Dental Association for over 12 years, has announced that he no longer supports fluoridation of drinking water.

Dr Limeback's opposition to fluoridation came about after he reviewed the scientific literature and concluded that there is very little, if any, dental benefit from swallowing fluoride. "In my opinion," he says, there is no question that the risks now far outweigh the benefits."

Further, Dr Limeback says that fluoride can adversely affect bones and teeth. "Fluoride accumulates in the bones [and] there hasn't been a single study to show that exposure over a lifetime is safe."

(Source: Earth Island Journal, Fall 1999)

THE OCEANS ARE LEAKING!

Researchers in Japan have calculated that the oceans are leaking water into the Earth's mantle five times as quickly as it is being replenished.

Geoscientists believe that a huge reservoir of water is bound up in minerals in the transition zone between the upper and lower mantles, approx. 400 kilometres (250 miles) below the Earth's surface. Water enters the mantle at subduction zones, where oceanic crustal plates dive under continental plates. It returns to the surface at volcanic hot spots and mid-ocean ridges. However, most researchers have assumed that these flows are roughly in balance.

Shigenori Maruyama and colleagues at the Tokyo Institute of Technology have reached a different conclusion. They figure that, each year, around 1.12 billion tonnes of ocean water seeps into the mantle's transition zone, yet they can account for only 0.23 billion tonnes moving in the opposite direction.

"The world's oceans will dry up within a billion years," Maruyama speculates.

(Sources: New Scientist, 11 September 1999; Daily Mail, London, 9 Sept 1999)

CHECHNYA – THE LAST OIL RUSH OF THE 20TH CENTURY

by Brian Becker

In a book published in 1997, Zbigniew Brzezinski, former United States national security adviser, wrote: "For America, the chief geopolitical prize is Eurasia. Most of the world's physical wealth is there as well, both in its enterprises and underneath its soil." Brzezinski's comments are useful to keep in mind when analysing the current conflict raging in Chechnya. This autonomous region, located in southern Russia, is at the pivot of Europe and Asia.

Why is the Yeltsin [and now the Putin] regime in Russia carrying out its brutal aerial assault against the separatist rebel movement in Chechnya? Because the Russian Government now fears that the Pentagon and CIA are moving aggressively to grab the former territories of the USSR, especially in the oil-rich Caspian Sea area. This is the same government that has done so much to try to please the United States capitalist establishment since it dissolved the Soviet Union in 1991.

Chechnya and Dagestan, where fighting has raged for the last four months, are territories close to the Caspian Sea. The Caspian has vast oil and natural gas deposits.

A consortium of 11 oil monopolies from the United States and Europe has gained control of more than 50 per cent of the region's oil since the USSR was dissolved in 1991. The July 6, 1997 *Washington Post* described this process as the "last great oil rush of the 20th century—targeted at a potential US\$4 trillion patch in Central Asia's Caspian Sea".

The Yeltsin [now Putin] government in Russia asserts that the United States is stimulating, if not directly supporting, the Islamic separatist movement in Chechnya.

"The national interests of the US correspond to a scenario in which an armed conflict is constantly smouldering in the northern Caucasus," Russian Defence Minister Igor Sergeev said in a recent news conference.

A few days later, Russia's Deputy Foreign Minister Alexander Avdeyev said at an international conference organised by the Russian Diplomatic Academy that the country may be heading for a direct conflict with the United States.

These were not accidental or isolated comments by Russian officials. The US has a "...growing readiness to use military force in its direct, most crude form at various levels...the [US] operations in Kosovo and Iraq only herald this readiness. We must assume that it may extend to others, including former Soviet territories," said Anatoly Kvashnin, the military head of the General Staff, in a speech to the same conference.

THE POLITICS OF AN OIL PIPELINE

Before the USSR was dissolved in a US-backed capitalist counter-revolution in 1991, the Caspian Sea was bordered on the east, west and north by the Soviet Union. Now that its former republics are formally independent, five countries border the Caspian. These include Azerbaijan, Kazakhstan and Turkmenistan, as well as Russia and Iran.

The United States Government is now attempting to take control over the Caspian Sea oil by transforming the non-Russian former Soviet republics into virtual colonies and grabbing control of the vast oil and gas resources that were once used to fuel socialist construction in the Soviet Union.

"The prospects of potentially enormous hydrocarbon reserves is part of the allure of the Caspian region," the United States Energy Information Administration (EIA) said in a December 1998 report. "New transportation routes will be necessary to carry Caspian oil and gas to world markets" according to the EIA.

Why is a new Caspian oil pipeline necessary? According to the EIA, because "the existing pipelines were designed to link the Soviet Union internally, and were routed through Russia".

On November 18, President Bill Clinton and Energy Secretary Bill Richardson met with the presidents of Azerbaijan, Georgia, Tajikistan and Turkey to announce plans to construct a new, US\$2.4-billion oil pipeline from Baku, Azerbaijan, to Ceyhan, the Mediterranean port in Turkey. The new pipeline entirely bypasses Russia. It is calculated to turn the Caspian into an "American lake".

Throughout the Cold War, United States policymakers insisted that they opposed Soviet socialism because it deprived people of "personal liberty" and "stifled individual initiative in the free market". But now it's easy to see that their hatred of the USSR was based on it having prevented US corporations from exploiting the land and resources of the Soviet Union.

(Source: Workers World Newspaper, 9 December 1999, www.workers.org)

MAKING SENSE OF THE WTO's AGENDA

by Peter Montague © 1999

As everyone now knows, the World Trade Organization's (WTO) Ministerial Conference in Seattle (November 30 to December 3, 1999) was interrupted by protesters who were mostly peaceful. Over-reaction by local police led to the "Battle of Seattle". As an acknowledgment of this over-reaction, the Seattle chief of police has now resigned.¹

The main goal of the WTO's Seattle meeting was to begin a new round of international talks: the so-called Millennium Round, which was expected to last three years. That goal was thwarted. Emboldened partly by protesters in Seattle's streets, Third World envoys to the WTO rejected a new round of talks.²

So the Millennium Round will not begin, at least not right away. Delaying the new talks was a sweet victory for the protesters and an important assertion of independence by Third World countries. But we should not fool ourselves. The WTO is still entirely intact. It was not changed in any fundamental way by the protests. More importantly, the goals and the powers of those who created the WTO remain untouched.

The people who created the WTO have one main goal: an integrated global economy unencumbered by government restrictions. The globalisation of the world's economies is proceeding steadily and cannot be stopped. The world's economies are being laced (or yoked) together by communication technologies (radio, TV, telephones, fibre optic cables, satellites and computers, among others). A flood of invention is inexorably weaving (or chaining) the strands of the world's economies into a single, huge network of relationships.

No one can stop globalisation from happening. However, governments could take many steps to reduce the harmful consequences for human societies.³ Unfortunately, the people who created the WTO are ideologically opposed to any government involvement. They have their own utopian vision: a globalised economy unencumbered by government restrictions—global free trade. Economists have a name for such an economy: *laissez faire*. In a *laissez faire* economy, the owners of capital are free to make all the important decisions: they decide what to make, how to make it, where to get the raw materials, whom to employ (under what conditions and at what wages), and where to sell their products or services. In a *laissez faire* economy, the role of government is limited to enforcing property rights, assuring a stable currency, providing a system of justice for resolving disputes, and maintaining a military apparatus to enforce civil and international peace.

Government has one other key role in a *laissez faire* economy. To maintain such an economy, government must relentlessly thwart democratic tendencies among the governed. If governments don't relentlessly oppose democratic tendencies, people will soon direct their government to (for example) limit the length of the workday, guarantee their right to form a trade union, insist that everyone deserves health care, and set minimum wages—all of which doom *laissez faire*. This is why *laissez faire* economies are incompatible with political democracy. *Laissez faire* economies do not arise spontaneously and can only be sustained if the state aggressively suppresses democratic tendencies.

The WTO isn't mainly about trade; it is mainly about establish-

ing the kind of economy, worldwide, in which the owning class gets to make all important decisions without interference from governments or from anyone else. Today, the key institution of the owning class is the corporation, so the aim of the WTO is to ensure that corporations are empowered to make all the important decisions without interference.

To put it another way, the main work of the WTO isn't promoting world trade; it is getting rid of rules made by governments, rules that restrict the freedom of corporations to make decisions affecting production and labour. Government rules are described as "restrictions on trade", but this "trade" language is a euphemism for "restrictions on corporate freedom". To summarise, then, the WTO isn't chiefly concerned with trade; it is chiefly concerned with "who gets to decide". When governments are weakened, corporations are strengthened. The WTO was set up to weaken governments.

There are two other realities that we need to remember if we want to make sense out of the WTO: (1) the developed countries have exhausted many of their reserves of raw materials; and (2) they have built too much productive capacity, so there aren't enough customers for all the goods they can produce.⁴ Thus, to maintain reasonably profitable operations, corporations need to mine the Third World's raw materials and they need to sell goods and services to people in the Third World.

Take the United States as an example. The US has depleted many of its domestic reserves of raw materials such as petroleum, chromium, cobalt, manganese, nickel and tin, among others.⁵ Therefore it is important for US corporations to be free to extract such materials from Third World countries and ship them elsewhere. Furthermore, the US produces far more food each year than Americans can eat. So agribusiness corporations need to "open new markets" in the rest of the world to sell their excess production, competing head-to-head with local farmers abroad.⁶

When foreign governments are reluctant to import hormone-treated meat or genetically modified corn oil from the United States, the US agribusiness corporations insist that those governments are restricting their corporate freedoms—and so they turn to the WTO to whittle those governments down to size.

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Editor's Notes:

- This article by Peter Montague is reprinted from *Rachel's Environment & Health Weekly*, no. 679, December 9, 1999; published by Environmental Research Foundation, PO Box 5036, Annapolis, MD 21403, USA, tel 1-888-2RACHEL (toll-free in North America) or (410) 263 1584, fax (410) 263 8944, e-mail erf@rachel.org, website www.monitor.net/rachel/.
- For more on the WTO agenda, see Corporate Europe Observatory's two-part article, "The WTO Millennium Bug", in NEXUS 7/01 and this issue.

PROBING THE 'CHEMTRAILS' CONUNDRUM

by William Thomas © 1999

THE PHENOMENON

Once you have watched two, six, eight or more unmarked planes weave broad white plumes into cross-hatched grid patterns, giants Xs or furrows of expanding parallel lines that turn clear blue sky into a milky, dripping overcast that sometimes reveals prismatic bars of chemical colouring, you will never look at the sky in the same way again.

In the representative words of eyewitnesses across 48 states:

- "I watched a clear blue sky become criss-crossed with the white trails from many jets. The sky then became overcast, in spite of the forecast calling for sunny weather. I felt stunned as I witnessed this event."

- "One morning I saw so many, I almost had a car accident. They were X-ing, probably 50, 100 of them, as far as I could see. Lots of Xs and parallel lines. Definitely not normal air traffic."

- "They look like they're playing tic-tac-toe up there. You know darn well it's not passenger planes."

- "These contrails do indeed behave differently from the usual contrails made by jets. They don't dissipate right away. They like linger, hang there. But they were so heavily concentrated that I just about fell over."

- "Everywhere from horizon to horizon, as far as I could see above the trees and buildings, perfectly parallel streaks or stripes of clouds..."

- "I am under the understanding that we have regular flight patterns. This, however, broke all the rules, as these patterns criss-crossed one another over a dozen times."

- "Real jet trails are not as low as these."

UNSCHEDULED AIR TRAFFIC

Why are people who have lived next to airbases and airports most of their lives, or who would not normally give a contrail a second glance, stopping their cars and hauling family members and neighbours outside to point cameras and camcorders at sudden concentrations of aerial trails they instinctively recognise are not normal contrails?

Why are formations of grid-weaving jets suddenly appearing over communities unused to seeing air traffic? How can these overflights be explained as "scheduled air traffic" when they abruptly cease, only to start up again weeks later?

According to Canadian and US aviation officials, pencil-thin contrails normally form above 33,000 feet and usually dissipate within less than a minute, like the wake behind a ship. In contrast, the broad white plumes known as "chemtrails" are often spread by formations of tanker-type aircraft, far below commercial airliners, that even in colder upper-air leave short-lived contrails or no contrails at all.

Commercial airliners prominently display their airline logos, "colours" and registration numbers. Spray aircraft of the KC-135 and KC-10 type, observed through binoculars, are painted white and carry no identification markings.

Interestingly, CIA aircraft are painted white. According to security personnel, their late-night departures and arrivals at major US airports are not entered in tower logbooks.

AIRBORNE PATHOGENS AND RELATED ILLNESS

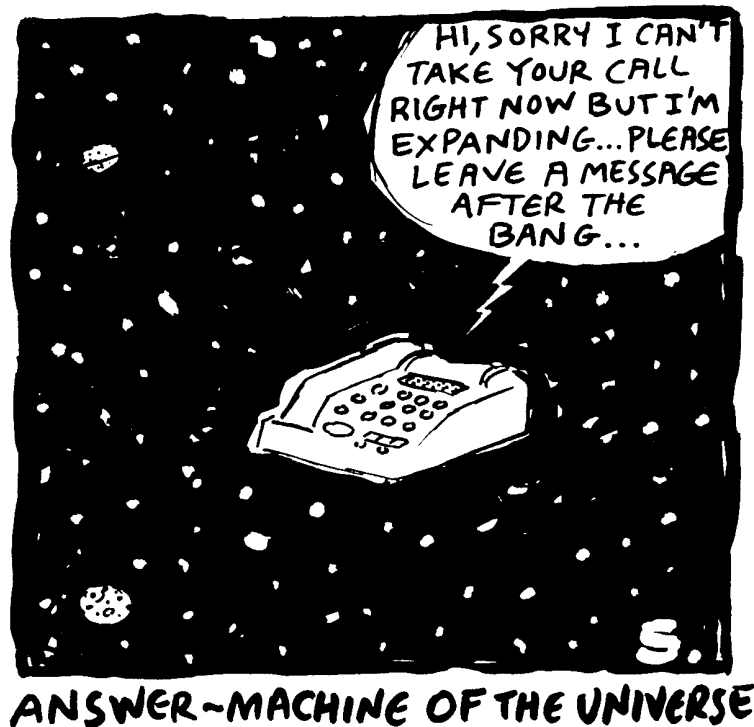
Contrails do not make people sick. Yet many observers have become ill within 48 hours of watching *chemtrails* form. A metallic, oily or corrosive smell and taste has also been widely reported in the wake of chemtrails.

"Spikes" in emergency room admissions match by date and location reports of heavy "spray days". Last winter, during 15 consecutive weeks of what the Centers for Disease Control called "epidemic levels" of pneumonia and upper-respiratory illness, hospital admissions across the US jumped up to double the normal peak-flu-season rates, even in states reporting a "mild" flu season. MDs across America told the *New York Times* and other newspapers:

- "This is the worst crisis I have seen."
- "Respiratory and gastrointestinal illnesses are filling up the beds."
- "We know there's a lot of sickness, but our diagnosis shows that it's not the flu."
- "We don't know what it is or where it came from."

Often degenerating into double-pneumonia or asthma, these severe "flu-like" symptoms lingered for months.

In November 1999, residents in heavily sprayed areas—including Arizona, Virginia, Tennessee, Oregon, Washington state, New Mexico, Colorado, California, Florida, Texas, Oklahoma, Kansas, Missouri, Illinois, Idaho, Maine, Michigan, North Carolina and southern Vancouver Island—were also complaining of extremely severe headaches, stiff necks, fatigue and joint pain. Other symptoms associated with heavy spraying include disorientation, depression, inexplicable anxiety and an inability to concentrate.



PUBLIC OUTCRY IN ESPANOLA, ONTARIO

On November 18, 1999, a petition submitted by 500 residents from the community of Espanola, Ontario, was submitted to the Canadian Parliament in Ottawa.

The residents of this small town located west of Sudbury, Ontario, demanded an end to the continuing spraying. They also wanted an explanation for widespread respiratory problems and strange aches and pains among Ojibway people over a 50-mile area following spraying by KC-135 and C-130 aircraft that began in March 1999.

Former Ontario Provincial Police Officer Ted Simola reported lingering Xs and numerous contrails, some of which "just ended" as if they had been shut off and remained in the sky.

Tests on rainwater, conducted by the Ontario Ministry of Environment, found carbon black as well as "chaff" used to jam radar signals—or track airborne dispersion patterns. The Canadian Health Protection Branch says chaff is highly toxic to human lungs.

Yet Espanola, Ontario, is not a US military exercise area. The US Air Force denies flying its aircraft over Espanola.

But gel-like material was also dropped on patios by aircraft passing over the rooftops of Espanola. Samples of a red powder dropped by a low-flying C-130 *Hercules* are being further analysed, after initial lab tests found highly hazardous bacilli and moulds in a substance that has sickened children and adults.

SAMPLE ANALYSIS AND EXPOSURE EFFECTS

Tests done in 1998 and 1999 by government-licensed laboratories on cobweb-like filaments, gel-like material and a red powder dropped by aircraft over Washington state, California, Oklahoma, Idaho, Michigan, Pennsylvania and Espanola, Ontario, have identified: *Pseudomonas aeruginosa*, *Pseudomonas fluorescens*, *Bacillus amyloliquefaciens*, *Streptomyces*, Enterobacteriaceae, *Serratia marcescens*, human white blood cells, a restrictor enzyme used in research labs to snip and combine DNA, *Enterobacter cloacae* and other bacilli and toxic moulds capable of producing heart disease and meningitis as well as acute upper respiratory and gastrointestinal distress.

After my colleague, health researcher Erminia Cassani, brought in samples of a gel-like material obtained from a thoroughly splattered aluminium-sided home, a shaken head-biologist at an EPA-licensed lab wanted to know where we had obtained this "biohazard material".

Normally taking three or four days to grow in a Petri dish, Cassani's bacteria-laden sample "flowered" less than 48 hours after being cultured. Stating that "it was all over the plate", the lab staff said they had never seen anything grow this quickly.

Less than two months later, the owner of the splattered home and property suffered a heart attack caused by bacteria eating the walls of her heart.

BIOWARFARE TESTS ON THE AMERICAN PEOPLE

The recently revised US Code Title 50, Section 1520 states that the Secretary of Defense may conduct tests or experiments "involving the use of a chemical agent or biological agent on a civilian population" if they are related to research activity.

The law also stipulates that biowarfare tests can be carried out on Americans only if Congress is notified 30 days in advance,

and "only if informed consent to the testing was obtained from each human subject in advance of the testing on that subject".

There is plenty of pattern and precedent to suggest that clandestine biowarfare experiments are routinely practised on the American people without their informed consent. As recently as 1997, 61 secret tests sprayed the residents of Minneapolis with germ warfare simulants over a period of several months. Respiratory illness increased sharply in the sprayed areas.

NO EVIDENCE FOR AERIAL INOCULATIONS

Could widespread aerial spraying be an attempt to inoculate us against an undeclared biowarfare threat?

After looking at the evidence, one MD decided: "Aerial spraying of a vaccine would be exceedingly inefficient. Cost would be prohibitive. That is why I do not think the mass secret immunisation theory is plausible."

Or as my colleague Cassani puts it more particularly: "*Pseu. fluorescens* is a 'dud' when compared to biowarfare agents. It would do absolutely nothing to our immune system to inure it against a bio-attack."

There is no indication that air-delivered vaccines are yet in production. And none of the immune-weakening pathogens identified in samples of air-delivered cobweb-like material or gels can be construed as an antidote to germ warfare.

CALL FOR CONGRESSIONAL INQUIRY

Commensurate with the hearings that uncovered the truth behind the Gulf Bio-War and resulting Gulf War illness, a full congressional investigation must be called to question key FAA, CIA, CDC, EPA and other administrative officials under oath.

The questions are simple: What is the purpose and who is behind the sudden concentrations of unmarked, tanker-type aircraft emitting lingering plumes of stripes, Xs and grids over American and Canadian towns and cities? What is the purpose of the low-level spraying by C-130 *Hercules* transports and unmarked black or dark-green helicopters over Pegosa Springs and Fort Collins, Colorado; Burnette, Texas; Espanola, Ontario; and other towns across North America—and who is responsible?

Congress must also demand a full accounting of all US military weather modification techniques and experiments, as well as a publicly accessible monthly description of all experiments undertaken at Level 4 and Level 5 bio-labs across the country.

Editor's Notes:

- Compiled and edited, with permission, from independent journalist William Thomas's briefing paper, posted on his website, www.islandnet.com/wilco. For additional information, corroborating documentation and permission to reproduce this material, e-mail William Thomas at wilco@islandnet.com.

- For background, see Thomas's article, "Poison from the Sky: The 'Chemtrails' Crisis", in NEXUS 5/03 (April–May 1999).

- William Thomas's new book, *Probing the Chemtrails Conundrum*, reveals the results of his 12-month investigation into covert aerial spraying. Is it population control? Inoculations? A solar sunscreen? Mind control? Review the evidence and decide for yourself. For a signed copy of this 80-page book, send donation of USD\$29.95 or more to: William Thomas, S-27 C-52, Gabriola Island, BC, Canada V0R 1X0.

WILD WEATHER FORECASTS 2000–2001

**Astrometeorologist
Jennifer Lawson
predicts we're in
for increasingly
violent storms,
earthquakes and
volcanic eruptions
over the next
two years.**

An interview with astrometeorologist
Jennifer Lawson © 1999

Brisbane, Queensland, Australia
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Australian-born Jennifer Lawson is a long-range weather forecaster who uses a system based on the principles of *astrometeorology*. Since her first public prognostication (tropical cyclone *Pierre*, 1985), her predictions of the dates and locations of tropical cyclones and storms have been published every year in the Australian media. In the United States, where she resides part-time in the Houston, Texas, area, she has been featured in the local media every year since 1988 with accurate predictions of the dates and locations of each season's hurricanes.

Having no formal training in meteorology or long-range weather forecasting, Jennifer developed an interest in weather prediction after reading a small book on the subject in 1980. For five years she conducted research into planetary effects on weather patterns and the tropical cyclones which form every year in Australia's Coral Sea region. Through her observations, Jennifer concluded that the planets *do* have a major effect on altering weather patterns.

In February 1985, Jennifer had her first predictions of summer storms and tropical cyclones published by Brisbane's *Sunday Sun* newspaper. She was successful in pinpointing three out of four cyclones that formed in the Coral Sea that season, as well as 85 per cent of the summer storms. Subsequently, various Queensland newspapers published her tropical cyclone forecasts for every summer season, and Jennifer began to establish a proven track-record. Her greatest achievements in forewarning the public of fierce Coral Sea cyclones that would target the Queensland coast include TC *Charlie* in 1988 and TC *Joy*, the destructive cyclone that hit the far north coast in December 1990.

With her cyclone forecasts for Australia proving successful, Jennifer, living part-time in Houston, had her list of hurricane dates and locations for the up and coming 1988 Atlantic hurricane season published in June 1988 in Houston's *Uptown Express* (*Uptown Health and Spirit*) magazine.

Houston's Channel 2 *Nearly Noon* gave Jennifer a spot on the show where she predicted that in early September 1988 a fierce hurricane would move into the Gulf of Mexico. The fierce hurricane turned out to be *Gilbert*—a category-five storm which was so large it almost covered the Gulf of Mexico. The following June, in 1989, Jennifer appeared again on *Nearly Noon*, this time predicting that a fierce hurricane would target the South Carolina coast around September 20–22. Hurricane *Hugo* slammed into Charleston right on target. In 1992, Jennifer also predicted the date and formation of hurricane *Andrew* and that it would also target the US east coast.

Jennifer Lawson has written her book, *Violent Weather Predictions 2000–2001* (Llewellyn, 1999; see review this issue), primarily to forewarn the public as to *when* and *where* in the world severe weather patterns and earthquake and volcanic activity are likely to create havoc around the turn of the century.

What follows is an interview with Jennifer (plus several inclusions from her book), in which she summarises some of her key predictions for 2000–2001.

1. How do you predict the weather?

It's long-range weather, for a start, and not based on conventional methods of meteorology. The system I use is based on the fundamental principles of *astrometeorology*, which seeks to forecast weather by studying the angular positions of the Sun, Moon and planets in relation to each other and to the Earth. Their combined influences disrupt and disturb Earth's atmosphere, affecting our weather patterns.

The celestial bodies' declinations—their angular distance north or south of the Earth's equator—are just as important as longitude and latitude when determining long-term

weather patterns. For example, when two or more of the slower-moving outer planets are grouped together at their most southerly point of declination—23° south at the Tropic of Capricorn—the winter months in the northern hemisphere will be severely cold and the summers cooler than usual, while the southern hemisphere summers will be extremely hot and dry with milder winters. And vice-versa when the planets are grouped at their most northerly declination, the Tropic of Cancer at 23° north.

Several planets grouped around the Earth's equator at zero degrees of declination appear to greatly disrupt and disturb the atmosphere, generating powerful storm systems. The influence of the planet Mars on the equator is perhaps the most effective planet of all in stirring up great storms, hurricanes, tropical cyclones and typhoons. Fierce hurricane *Hugo* was an example of Mars on the equator at zero degrees declination.

How severe a season will be is determined by the declinations of the slower-moving outer planets, conjoined by the faster-moving planets Mars and Mercury. Because Mercury moves so quickly and rotates around the Sun roughly four times a year, its influence on terrestrial weather patterns is more pronounced and it brings dramatic changes in weather more quickly than all of the other planets put together.

The planets, Sun and Moon act like characters on a stage. First, the outer planets—Jupiter, Saturn, Uranus, Neptune, Pluto—set the scene; then Mars, Venus and Mercury enter the stage as the major players. Lastly, the Moon makes the grand entrance on stage as the final "trigger" to them all.

The planets also have a major bearing on the solar surface in heightening sunspot activity and solar flares—which also affect our weather patterns.

2: How do the planets affect sunspots and solar flares and how do these affect our weather?

Research of the solar surface, done by RCA's shortwave radio expert John Henry Nelson back in the 1940s, revealed that planets *do* have a major impact on the unstable electrified area of the Sun's surface, where the most minuscule gravitational tug from the planets can create an avalanche effect, causing major turbulence in the solar atmosphere and heightening sunspot activity and solar flares.

Electromagnetically charged particles and solar winds ejected from large solar flares stream throughout the solar system, bombarding Earth's ionosphere, disturbing our magnetic fields and causing powerful magnetic or electric storms to rage across the planet. Solar flares can also cause the molten interior of the Earth to move in powerful, circular currents, placing enormous stresses on the interplay of tectonic plates, resulting in earthquakes and volcanic activity.

Our planet is a part of everything else in our solar system, galaxy and universe. Everything is interactive, interdependent and interrelated.

3. Why will the weather be so violent in 2000–2001?

Although up to 2,000 storms rage across our planet at any given time, most don't make front-page news. However, in the years 2000 and 2001, weather patterns will be particularly violent for several reasons.

Not only will the planets be forming powerful angles to each other, resulting in violent weather patterns, but the disruptive 11-year sunspot cycle, producing higher-than-normal sunspot activity, will peak in the year 2000, enhancing violent weather patterns. But this is only the beginning.

In July 2000, three eclipses—two solar and one lunar—will bring floods of gigantic proportions as well as severe weather and quakes.

But the major feature for the year 2000 will occur on May 4–5, when six planets will align in almost a straight line, with the Earth on one side of the Sun and five planets aligned on the other. It will be the first time in 6,000 years that such an alignment has taken place. The combined effects of all these factors will not only trigger violent weather, but powerful seismic activity as well.

The effects of high sunspot activity can already be seen in the massive earthquake that struck Turkey on August 17, 1999, causing a domino effect of violent earthquakes targeting other areas of the world. If the recent spate of violent earthquakes is any indication to go by, the May 2000 earthquake could be a magnitude 8 or higher on the Richter scale, dwarfing the magnitude 7.3 tremor that struck Turkey.

4. What do you think will happen when the planets 'align' on May 4–5, 2000?

Although the Earth could experience some fierce weather patterns and heightened seismic activity from mid-March through May, my major concern with the May 4–5 alignment is that it will place stresses on the tectonic plates, thereby precipitating violent earthquakes and possibly volcanic eruptions.

Location charts earmark northern California as being potentially one of the major areas that could be hit by seismic activity in May, but not necessarily on the exact day as the planetary alignment.

But the major feature for the year 2000 will occur on May 4–5, when six planets will align in almost a straight line, with the Earth on one side of the Sun and five planets aligned on the other.

5. Is this the "big one" to hit California, that everybody has been waiting for?

It could well be the "big one", although June 12–22, 2001 is another date that will also need close watching for a major Californian tremor.

6. Are earthquakes and volcanic eruptions predictable?

Yes. Using the same system I use for weather forecasting, earthquake and volcanic activity can also be predicted. Just for the record, my first public prediction was not weather-related at all, but volcanic—when I successfully pinpointed Mount St Helens as erupting on August 7, 1980.

In the early 1990s, Houston's *Uptown Express* magazine published a series of earthquake predictions for California which rated about 70 per cent accurate, but since then I haven't worked in that particular line of prediction. So yes, it is possible to predict quakes.

7. Will other areas of the US be affected in 2000–2001?

Let's look at 2000 first. I anticipate powerful tornado outbreaks, most likely beginning around mid-March throughout April, especially 13–23, with a particularly violent period from May 13–23.

Floods could wreak havoc in midwestern and eastern states, including areas near the Mississippi and Ohio river valleys, from late June through July.

California could also experience heavy rainfall and mudslides in July.

For the Atlantic hurricane season, tropical storms will begin in July, with several dangerous hurricanes to watch for in August, mid-September and October.

A fierce system forming in the Atlantic around August 22–31, possibly attaining category-five hurricane status, could take aim at Florida or the Carolinas.

8. And what about 2001 for the United States?

The year 2001 will get off to a stormy start with some pretty severe, wintry conditions for the US from mid-January through February. Blizzards, possible ice storms, and lots of heavy snowfall will plague the northern states.

The worst months anticipated for violent weather in 2001 will be from May through June, when severe tornado outbreaks could rip up through tornado alley, the Midwest and the Deep South. For the second year in a row, the Mississippi and Ohio river valleys are likely to experience major flooding.

California could be either rocked by another powerful tremor between June 10–22, or targeted by a rare offshore hurricane that has meandered further north than usual.

If an El Niño doesn't develop in 2001, the Atlantic hurricane season will begin in June with several fierce tropical storms. Other intense hurricanes should form around late August through mid-September, and several unusually powerful hurricanes are expected to form in October.

9. What about the rest of the world in 2000? And when?

Among the countries hardest hit in 2000 will be India in the months of July and August, when one of the most severe monsoon floods on record will devastate parts of the country.

The eclipse patterns occurring in July will also trigger floods in western Africa, northern Italy, Mexico and the British Isles.

Several of the world's volcanoes currently going through an eruptive phase—such as Montserrat's Soufrière Hills volcano, Mexico's Popocatepetl and Italy's Mount Etna—should be closely monitored from April onwards.

In fact, any volcano throughout the world showing signs of renewed activity around the March or April period could be in danger of suddenly erupting on a major scale in May, July or October.

Heightened earthquake activity will most likely begin around mid-March, increase throughout April and peak in the month of May. Southern Italy, California, Turkey, China, Mexico and New Zealand are likely to be among regions of the globe affected by seismic activity.

October is another danger point for earthquakes and volcanic activity. Countries likely to be affected by earthquakes in October are Mexico, Japan, southern Italy and possibly northern California.

Violent weather could also target the Philippines and Japan, among other places.

10. Will violent weather and seismic activity be as bad in 2001?

I think that violent weather patterns will still be ongoing throughout 2001, which gets off to a stormy start from mid-January through February. However, the time frame when I expect really violent weather patterns, possibly the strongest for the year, is from May through June. Many areas of the world can expect some "freak" storms during these months. In my book, I have listed other months when violent storm activity can also be expected. I don't think seismic activity will be as severe as in 2000. For one thing, the sunspot activity will be decreasing with the 11-year sunspot cycle on the wane, and the planetary alignment will be long gone, so stresses on the Earth's crust should be lessened. That is, with the exception of June 10–22, when powerful tremors could strike California and along the Southwest Pacific subduction plate boundary where the Australian plate dives under the Pacific plate. But I'm not entirely sure whether this influence will trigger quakes or fierce tropical storms.

Quakes are especially dangerous in the Pacific Ocean, as they can generate powerful tsunamis—like the monstrous waves which devastated northern New Guinea in July 1998 and, more recently, Vanuatu on November 28, 1999. If a powerful jolt does hit the Southwest Pacific region, resultant tsunamis could threaten nearby island communities as well as the coastline of Queensland, Australia.

11. How do conventional meteorologists regard astrometeorology?

Meteorologists do not place any credence in long-range weather forecasting because they are of the opinion that the planets are too far away to have any effect on terrestrial weather patterns. That's more or less their scientific basis for rejecting astrometeorology as a credible method.

But then, science has always rejected new schools of thought. It took Christopher Columbus in 1492 to sail

around the world to prove it wasn't flat and, less than fifty years later, Copernicus to prove that the Earth revolved around the Sun and not vice-versa.

12. How accurate is astrometeorology compared with the more conventional methods of meteorology?

It is more accurate, especially in the long range. Conventional methods can only forecast the weather about two weeks ahead, and even then with constant updates. I have achieved around 85 per cent accuracy in forecasting weather patterns, long range, for specific locations, and the same for tropical storms.

Australia's famous long-range weather forecaster Inigo Jones was able to predict accurately, *twenty years in advance*, the severe drought that affected Australia starting in 1982—which demonstrates how accurate astrometeorology can be.

13. How did you become interested in astrometeorology?

My interest in astrometeorology and earthquake prediction began in early 1980 after reading a small book on the subject when I was living in Brisbane, Australia.

Predicting violent weather patterns of the life-threatening sort was far more interesting and challenging than forecasting fair weather, and in 1985 I began to specialise, publicise and successfully predict tropical storms as well as powerful summer storms.

I have achieved around 85% accuracy in forecasting weather patterns, long range, for specific locations, and the same for tropical storms.

14. When was astrometeorology discovered, and by whom?

The study of planetary effects on weather patterns is several thousand years old, and it was the Greek philosopher Aristotle who wrote the first known treatise on the weather. Throughout the centuries, his works were refined and expounded upon by astronomers such as Tycho Brahe, Johannes Kepler, Dr J. Goad and Sir Isaac Newton.

English astrophysicist Dr John Gribbin and Washington-based astronomer Dr Stephen Plagemann talked about planetary cycles in their book *The Jupiter Effect*, published in 1974. Studying the planetary alignment cycles, they observed that when all the planets lined up with Jupiter on the same side of the Sun, around every 179 years or so, great earthquakes would occur on Earth.

In 1981 I met two American weather mavericks—namely, RCA's John Henry Nelson and Caltech's head meteorologist, Dr Irving Krick. Dr Krick was perhaps the only conventionally trained weatherman to believe that planets *do* influence our weather, and he subsequently set up a multi-million-dollar forecasting business based in Palm Springs.

15. Which of your predictions have come to fruition?

Since 1988 I have successfully predicted and published the date and location of some of the most notable Atlantic hurricanes, including *Gilbert* (1988), *Hugo* (1989), *Andrew* (1992), *Opal* (1995) and *Hortense* (1996). More importantly, for nine years in a row between 1988 and 1996, I was able to pinpoint the most powerful hurricane in every season.

For thirteen years in a row, from 1985 to 1998, I also pinpointed and published the most intense tropical cyclone for Australia's Coral Sea region in every season. Some of the notable tropical cyclones include *Pierre* (1985), *Winifred* (1986), *Charlie* (1988), *Aivu* (1989), *Joy* (1990), *Justin* (1997) and *Nathan* (1998).

16. How accurate will your 2000–2001 predictions be?

Probably not as accurate as if I was working on one specific location. My track record in weather forecasting for a specific location runs around 85 per cent, but I do not expect to be this accurate when covering so many countries of the world simultaneously. The more areas covered in predictive work, the less likely the accuracy.

17. You refer to Nostradamus's predictions fitting with events for the year 2000. Can you explain how?

Of all the visionaries throughout the centuries, the French seer Nostradamus, born in 1503, would have to be the most well documented and outstanding in his amazing ability to foresee future events. Unfortunately, the fact that he so cleverly concealed his visions in quatrains, to protect himself from the Inquisition, has made it difficult for anyone else to understand them fully. Still, there are some interesting parallels between several natural disasters which Nostradamus foresaw happening at a time when "the great century draws to a close", and events such as great floods and quakes which I have pinpointed to occur, especially in the year 2000.

One of the most interesting quatrains could even pertain to the May 4–5, 2000 planetary alignment, where, in Century 9:23, Nostradamus describes a massive earthquake to take place when the Sun is at 20 degrees of Taurus:

The Sun in twenty degrees of Taurus there will be a great earthquake. / The great theatre, full, will be ruined. / Darkness and trouble in the air, sky and land / When they call upon God and the saints.

Every year around May 10, the Sun passes over this point and has done so for the past 400 years—and so far without incident. No earthquake of such cataclysmic proportions as described by Nostradamus has occurred on that date—which means that the Sun at 20 degrees of Taurus is not the only factor in the equation.

On May 10, 2000, with the planets still tightly grouped together after the planetary alignment on May 4–5, the Sun will enter the fated degree that Nostradamus foresaw. This time, not only will the Sun be at 20 degrees of Taurus, but it will be conjoined by Mercury and the planetary giants Jupiter and Saturn, and all will be forming a 90-degree angle to the planet Uranus. This combination alone is explosive enough to trigger violent earthquakes and weather patterns, without additional backup from high sunspot activity and a major alignment of the planets.

Maybe one of Nostradamus's visions will be fulfilled by coming true!

18. Do you believe that Nostradamus's prediction, that the Earth will be "plunged into the abyss of perpetual darkness", will come true in 2000?

Nostradamus mentions this particular vision in the preface of his epistle to Henry II:

There will be omens in spring, and extraordinary changes thereafter, reversals of nations and mighty earthquakes... And there shall be in the month of October a great movement of the Globe, and it will be such that one will think Earth has lost its natural gravitational movement and be plunged into the abyss of perpetual darkness.

All of Nostradamus's works are open to interpretation, and although October's event sounds very much like an axis tilt, it could be more in line with a volcanic eruption. Earthquake swarms often accompany major volcanic eruptions where the ground sways around, giving the appearance that the Earth has lost its natural gravitational movement. Also, a thick, choking, ash cloud ejected from an explosive volcanic eruption can block out the sunlight for days, as has happened in cases like Mount Pinatubo, Mount Pelée and Mount Vesuvius.

If Nostradamus is indeed referring to a volcanic eruption occurring in the month of October, then it could well be October 2000, for at that time the planets will be forming powerful aspects to each other which will not only result in violent weather but will also heighten volcanic activity to such an extent that we could witness a major volcanic eruption.

19. How do you respond to those who try to discredit your theories?

No one can get the weather right 100 per cent of the time; there are just too many variables in the equation. But just because meteorologists can't get the weather right at times, doesn't mean that meteorology doesn't work. The same rule of thumb applies to what I do. So far, my greatest critics have been meteorologists.

In September 1989, after successfully predicting the date and location when that fierce hurricane *Hugo* would slam into the South Carolina coast between September 20–22, a spokesperson from the National Hurricane Center in Florida said my prediction of *Hugo* was just "a fluke". The same type of comments came from Queensland meteorologists when I was dead-accurate in pinpointing tropical cyclone *Pierre*—my first cyclone ever!

Right or wrong, there will always be critics standing on the sidelines, especially if you dare rock the boat of conventional thinking.

THE WORLD TRADE ORGANIZATION 'MILLENNIUM BUG'

Instead of shaping their trade policies around the interests of transnationals, governments should co-operate in developing an alternative system that's both humane and sustainable.

Part 2 of 2

by Corporate Europe
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GLOBALISATION IN CRISIS: THE EU'S INDIFFERENCE

Let us not forget that those who are in difficulty today are also those who most dramatically benefited from globalisation yesterday, and may again tomorrow.³⁶

— European Union Foreign Trade Commissioner, Sir Leon Brittan

The financial crisis of the past few years has demonstrated the alarming instability of the deregulated global economy. Unprecedented suffering has been inflicted upon millions of ordinary people in the hardest-hit countries. The United Nations International Labor Organization (ILO) estimates that 20 million workers became unemployed between July 1997 and September 1998 alone; and this was even before Russia and Brazil were heavily impacted by the crisis.³⁷ In June 1999, the World Bank estimated that up to 200 million people had been thrown into "abject poverty" due to the financial meltdown. This raised the number of people living in poverty to over 1.5 billion worldwide.³⁸ Despite some recovery, the aftermath of the crisis continues to increase social problems around the world.

The EU, however, refuses to reconsider the current model of economic globalisation. It has callously blamed the governments of the affected countries for catalysing the crisis through poor financial management, and vehemently denies any link with trade and investment liberalisation. Clearly, the EU hopes to avoid a debate about the pitfalls of the high-speed deregulation of recent years, given its lofty ambitions for the strengthening of such policies within the WTO. Its continued promotion of international trade and investment liberalisation, despite increasing social misery and environmental destruction, is indefensible.

Contrary to the promised 'trickle-down effect' of economic growth based on international trade, the global gap between rich and poor continues to widen. UNCTAD's 1997 Trade and Development Report concludes that globalisation in its current form is responsible for a dramatic increase in global inequality. In 1965, the average personal income in G7 countries was 20 times that in the seven poorest countries in the world. In 1995, the difference was 39 times greater. Income inequalities and polarisation are also growing within countries: the share of wealth pocketed by the top 20 per cent of the population has increased in most nations since the early 1980s. Women, in particular, pay a high toll for the neoliberal restructuring of societies, suffering specifically from the resulting higher unemployment rates, lower-quality jobs, reduced salaries and the dismantling of the welfare state.³⁹

UNCTAD (the United Nations Conference on Trade And Development) blames the high-speed liberalisation of market forces for these developments, and considers the current situation inevitable until the economy is refitted with regulations. The EU, on the other hand, argues that further liberalisation and expanded trade is the solution, despite the fact that more than one quarter of global production is currently exported—in comparison with only seven per cent in 1950.⁴⁰

Many smaller countries in the South already depend upon international trade for up to 40 per cent of their gross domestic product, placing them in an extremely vulnerable position. Growing inequalities are becoming strikingly prominent, even within affluent Northern economies which generally profit most from corporate-led globalisation.

Although EU studies admit that the turbulent present is "the time when unskilled workers will be at risk of losing their jobs", the EU continues to reiterate its increasingly hollow claim that economic globalisation brings benefits that will eventually trickle down to all in European societies.⁴¹

The obvious beneficiaries of EU trade and investment policies are those European-based transnational corporations that have evolved into global players. Although corporations like Nestlé, Shell and Unilever have profited from transnational gnanthood for decades, with an established presence in over 100 countries around the world, they are being joined by other ERT companies like Ericsson, Saint Gobain and Pirelli. Large TNCs based in the US, the EU and Japan dominate the emerging global economy—the top 500 companies, in particular, controlling over two-thirds of world trade and more than a third of the world's total productive assets. Almost every sector of the global economy is under the grip of a handful of TNCs, the most recent grabs being the services, automobile and pharmaceutical sectors.

Despite the rhetoric of liberalisation being a 'win-win' scenario for North and South, the EU's international trade policies effectively continue to be guided by the 'offensive interests' of these corporate giants. There is no conspiracy involved, and the image of helplessly weakened states blindly following the orders of TNCs is incorrect. Certainly, economic globalisation has increased the bargaining power of corporations and their lobby groups, but this is itself the result of a set of policies promoted by governments. The corporate privileges in the World Trade Organization system are therefore the predictable result of the neoliberal economic ideology which continues to dominate in governments around the world.

THE MILLENNIUM-ROUND OFFENSIVE

The European Commission, spurred on by the very vocal Sir Leon Brittan, has vigorously promoted the launching of a broad new round of WTO negotiations covering a wide range of issues following the Seattle Ministerial Conference (30 November to 3 December 1999).

Apart from the issues in the WTO's 'built-in agenda'—agriculture, intellectual property rights and services—the Commission has also proposed the initiation of negotiations for agreements on investment, public procurement, competition policy and other areas. The Commission seems slowly but surely to have gained the support of Canada and Japan; and the US, which had initially favoured separate negotiations on a smaller number of issues, is finally warming up to the idea of a grand new round.

Southern governments, however, have not given Brittan's initiative an overly warm reception. In fact, their resistance to negotiations on new issues—and particularly on investment—dates back to 1995 when an earlier EU offensive took place (see "MAIgalomania", CEO, 1998; reprinted in NEXUS 5/03, 5/04).

When the negotiations for a multilateral investment treaty (the MAI) officially began within the OECD in 1995, the involved Northern countries had a two-track strategy, pushing simultaneously for a Multilateral Investment Agreement (MIA) within the WTO. In fact, the EU hoped to launch talks on an MIA at the December 1996 WTO Ministerial Conference in Singapore.

Developing countries revolted against the MIA from the beginning, however, afraid that it would impact "the ability of national governments to regulate FDI flows so as to support national development objectives and priorities". Instead, they demanded that the investment issue be discussed within the framework of UNCTAD.⁴²

Despite fierce opposition by Third World governments, a WTO working group was set up to study the relations between trade and investment. This followed an utterly undemocratic procedure involving only an informal group of 30 countries. The 'cold war' between OECD countries and MAI/MIA opponents continued throughout the meetings of the working group in 1997 and 1998. Fearing that the EU would succeed in rallying support for the preparation of negotiations, the citizens' groups that opposed the MAI in the OECD insisted that it should not be revitalised within the WTO. In this politically tense climate, the investment working group announced in its December 1998 final report that it would not bring out any recommendation but, rather, would continue discussions.⁴³ Despite these developments, the European Commission's position has not significantly changed since 1995. The EC remains a staunch proponent of investment negotiations in the WTO.

The EC knows that investment negotiations within the WTO will not result in a 'big bang' treaty like the MAI was intended to be. Rather, a WTO investment treaty would consist of a gradual but continuous process of investment deregulation over the next few years. Underneath the new language of a 'development-friendly' investment agreement, the EC's primary goal is to get binding rules on investment that 'lock in' the deregulation that has

taken place over the last years and which commits governments to rolling back gradually the remaining barriers that 'discriminate' against TNCs. This is essentially as undemocratic and dangerous as the OECD MAI. It is certainly a major threat to citizens' groups in the South and North who have witnessed the negative social and environmental impacts of the deregulation wave of the last few years. These controversial changes, often imposed by the IMF through its structural adjustment programs, would become international law, and new policies to create a

fair level playing field for local economic players and other attempts to re-regulate would be banned.

Many Third World governments, NGOs and people's movements oppose the introduction of not only investment into the WTO, but of other proposed new issues as well. Martin Khor, director of the Third World Network, has pointed out that the EU's motive for a WTO agreement on competition policy is not to limit corporate concentration on a global scale. On the contrary, it hopes to dismantle barriers faced by Northern TNCs in 'emerging markets', such as various laws or policies that favour local firms. These might include policies that give importation or distribution rights to local companies, for example.

On the issue of government procurement, the EU hopes to prevent Southern governments from giving preference to local citizens or firms when distributing public sector contracts (such as for building or equipping hospitals, schools, infrastructure, etc.). Bringing government procurement under the WTO regime with its 'national treatment' principle would mean that foreign corporations must be given the same (or better) opportunities to win contracts as locals. When foreign investors complain about discriminatory treatment in a WTO member state, they would be able to bring the case to the WTO's dispute settlement system through the intermediary of their own government and claim compensatory and retaliatory measures.

Large TNCs based in the US, the EU and Japan dominate the emerging global economy—the top 500 companies, in particular, controlling over two-thirds of world trade...

TNCs are drooling over the potential markets for government procurement contracts, which in many developing countries cover 20 to 30 per cent of total GDP. In most developing countries, government procurement contracts remain one of the only ways to steer economic development by enabling local industry to develop. As is the case with the proposed rules for investment, WTO rules for competition policy and government procurement are presented as necessary for the creation of a 'level playing field'. In reality, however, equal competition between giant global corporations and smaller local producers in developing countries will lead to the massive-scale extinction of the latter.

Is it a dictatorial tool of the rich and powerful? Does it destroy jobs? Does it ignore the concerns of health, the environment and development? "Emphatically no," says the WTO publication, *10 Common Misunderstandings about the WTO*.

One of the outcomes of the Geneva Ministerial Conference in May 1998, and the 50th anniversary of the GATT, was an announcement by the WTO that it would intensify its PR strategy in order to explain the 'benefits' of free trade to the world. Concerned about the growing worldwide public backlash to trade and investment liberalisation, the WTO declared new measures to involve NGOs and civil society, allow better access to documents and improve transparency. So far, however, the WTO's efforts on these issues have been appalling.

THE EC's MANY FACES

Sir Leon Brittan has used every conceivable argument to gather support for 'his' Millennium Round. While critics argue that the financial crisis and the accumulating evidence that economic globalisation causes widespread social and environmental damage demand a reconsideration of continued trade and investment liberalisation, Sir Leon has not wavered. On the contrary, the financial crisis, which according to Brittan was caused by "the mismanagement of the market economy", makes him "feel strongly that the introduction into the WTO of global rules governing investment is one of the highest priorities in the new round of global trade negotiations".⁴⁴

In order to ensure that investment negotiations would occur, the European Commission—claiming to have learned from the opposition to the MAI in the OECD—began to reach out to NGOs. "Wide consultation and open debate will be crucial for the success of the Millennium Round. Governments need to keep their electorates fully informed," Brittan reassured an NGO delegation at one of the 'dialogue meetings' on the proposed Millennium Round, organised by the Commission for 'civil society' representatives since September 1998.⁴⁵ Business representatives, who also fit the Commission's definition of civil society, were present at these dialogues. The Commission also promised transparency and participation in decision-making in the proposed new negotiations, the publication of information on the EU's website, and a "sustainable development impact assessment" of the Millennium Round.⁴⁶

The sense that the Commission had embarked on a charm offensive with questionable substance grew stronger during the 'dialogue' process over the coming months. During a January

1999 dialogue meeting, the Commission distributed a rather vague paper outlining its ideas for a WTO investment agreement which lacked many of the controversial elements of the MAI.⁴⁷ A week before, however, the NGOs present had received a leaked version of an earlier official Commission proposal. This version, which included nearly all of the elements that had provoked major opposition to the MAI, had already been discussed with the Council of Ministers' 133 Committee (for external trade) the previous month.⁴⁸ Asked about the status of these two papers, the Commission did not move a muscle but stated that "especially on investment, the ideas are moving very fast".⁴⁹ Although a number of other dialogue meetings were held on issues such as trade facilitation as well as trade and development, fewer and fewer NGOs turned up.

Another blow to the Commission's credibility came in March 1999 when it was revealed that it had been pursuing a parallel and qualitatively different process of "consultation and partnership with European business interests over investment issues" with the so-called Investment Network (IN).⁵⁰ The IN, representing Fiat, ICI, Daimler-Benz, Carlsberg, British Petroleum, Rhône-Poulenc and some 50 other corporations, was set up to identify the priorities of large European corporations for a WTO investment agreement. The Commission also surveyed more than 2,000 European businessmen in order "to give a clear picture of the way international liberalisation and international rule-making on investment are perceived by the business community".⁵¹

The IN is clearly an outgrowth of the Commission's experience during the Financial Services Agreement negotiations, in which it worked closely with the Financial Leaders Group.

Recently, the Commission has also encouraged European corporations in the services sector to set up a European Services Network (ESN), which will "advise European Union negotiators on the key barriers and countries on which they should focus in these negotiations".⁵² In his speech at the first meeting of the ESN, Sir Leon Brittan was frank about the central role he envisages it playing: "You are the driving force of the consultation system which we have established; my door is open for any matters of concern. And I expect that whenever the

overall ESN comes to some conclusions, these will represent the views of the industry, although I will also be ready to listen to the problems of individual companies."⁵³

The ESN is closely related to the European Service Leaders Group (ESLG), which consists of over 40 chairmen and CEOs from various sectors ranging from banking to energy services. The ESLG is supposed to "give the political impetus and a high public profile" to the new GATS negotiations starting in the year 2000.

The active encouragement of the creation of new business structures by the Commission, to build support for the Millennium Round and to deliver input into the negotiations, will surely strengthen its position *vis-à-vis* EU member states. As US academic Maria Green-Cowles points out: "By working closely together, the companies and the Commission present the member states with a negotiating strategy 'pre-approved' by European industry."⁵⁴

**Is it a dictatorial tool
of the rich and
powerful?**

Does it destroy jobs?

**Does it ignore the
concerns of health,
the environment and
development?**

THE MILLENNIUM-ROUND BUSINESS OFFENSIVE

*We want neither to be the secret girlfriend of the WTO, nor should the ICC have to enter the World Trade Organization through the servants' entrance.*⁵⁵

— Nestlé's Helmut Maucher

A number of highly influential business groupings are concocting their own campaigns in support of the Millennium Round. A common feature of these strategies, following upon the lessons of the failed MAI negotiations, is a move away from the tradition of fierce opposition to social and environmental clauses in the WTO. Industry obviously hopes that this tactic will encourage NGO support for further liberalisation.

• UNICE: A Softer Approach

The European employers' organisation UNICE, for example, recommends that WTO negotiators secure the "widest possible endorsement by public opinion", while simultaneously "facilitating the expansion of economic activities essential for achieving the goal of increased living standards around the world" and "reconciling liberalisation of international trade and investment with the realisation of other objectives of general interest, such as economic development of the least-developed countries, application of internationally accepted labour standards and protection of consumers or the environment".⁵⁶

Although UNICE is very keen on a WTO investment agreement, including the MAI's broad definition of investment and unlimited national treatment for foreign investors, it judges that unrestricted market access and full-scale liberalisation are not feasible in the short term.

UNICE is an active participant in the Commission's dialogues with civil society on the Millennium Round, and with an unusually soft approach. However, the group also has its own separate meetings with the Commission where the rhetoric is likely to be less geared towards soothing NGO concerns.

• The EU's 'Green' Carrot

EU Commissioner Brittan has also become increasingly vocal about the 'mainstreaming' of the environment in the new round. Although still claiming that trade and investment liberalisation is

entirely consistent with sustainable development, he has come some way in adopting green NGO demands on strengthening the position of multilateral environmental agreements (MEAs) as well as on the relevance of judging products on the process and production methods applied, allowing eco-labelling and using the precautionary principle. However, many of these demands have been rejected by Southern governments, who fear that they will be used to intensify the use of trade instruments to protect Northern interests and that they will shift the environmental burden to Third World countries.

Many Northern citizens' organisations also distrust the Commission's promises, and stress that adding vague clauses is no real solution for an institution which globalises highly unjust and unsustainable consumption and production patterns.⁵⁷ They insist upon a moratorium on further trade and investment liberalisation until the WTO system has been fundamentally reformed.

• ERT: A GATT for Investment

The European Round Table of Industrialists (ERT) has a long history of deep involvement in the push for investment liberalisation, its main objective being an agreement within the WTO. As early as 1993, the ERT stressed the need

for "a GATT for investment" to "lock in the process of liberalisation".⁵⁸ This wish has been repeated in the five reports on investment produced by the ERT's North-South working group since 1993.

The failure of the MAI negotiations in the OECD came as a nasty surprise to the Round Table, but, as Secretary-General Wim Philippa explained, the ERT soon afterwards indicated to the Commission that it "would very much like to work along with the Commission, and with the WTO if they eventually will become the partner, to try to speed up an acceptable MAI".⁵⁹

The ERT has established a separate working group on foreign economic relations, chaired by Peter Sutherland, currently chairman of BP and Associate of Goldman Sachs International.⁶⁰ Philippa clearly regards Sutherland, the former GATT Director-General, as the ERT's secret weapon. He explains that "his knowledge, his experience, his contacts, his channels" will make the ERT "more proactive" and give it "a possibility to speed up matters".⁶¹

The failure of the MAI negotiations in the OECD came as a nasty surprise to the European Round Table of Industrialists...

Endnotes

36. Sir Leon Brittan, in a speech entitled "Europe and the United States: New Challenges, New Opportunities", address to The Foreign Policy Association, New York, 23 September 1998, <http://europa.eu.int/comm/dg01/0923slbsp.htm>.

37. Cavanagh, John, "Background to the Global Financial Crisis", Institute for Policy Studies, September 1998, www.ifg.org/cavanagh.html.

38. Associated Press, Thursday 3 June 1999.

39. See, for instance: "Trade Myths and Gender Reality", ICDA, 1999, and "Gender Focus on the WTO", ICDA, 1999, e-mail icda@skynet.be.

40. UNCTAD, "World Investment Report 1997".

41. See, for instance: *European Economy: Reports and Studies*, no. 3, 1997.

42. Wall, Tim, "New WTO Investment Rules Cause Concern; Major issues loom for countries already struggling with Uruguay Round trade agreements", *Africa Recovery*, vol. 10, no. 3, December 1996,

www.globalpolicy.org/soecon/bwi-wto/wtoinvst.htm.

43. WTO, "Report (1998) of the Working Group on the Relationship between Trade and Investment to the General Council", WT/WGTI/2, 8 December 1998 (98-4920). Available through the WTO Document Dissemination Facility, www.wto.org/wto/ddf/ep/public.html.

44. Sir Leon Brittan, in a speech entitled "Europe and the United States: New challenges, New Opportunities", 23 September 1998 (see note 36).

45. Sir Leon Brittan, in a speech entitled "The WTO Future Agenda", at a Meeting of the European Community and European Non-Governmental Organisations, Business Federations and Labour Organisations on the WTO Future Agenda, Brussels, 16 November 1998, <http://europa.eu.int/comm/dg01/1711brng.htm>.

46. The EC publishes information on its preparations for the proposed WTO Millennium Round on

<http://europa.eu.int/comm/dg01/dg1newround.htm>.

47. European Commission DG1A, "International rules for investment and the WTO", public discussion paper distributed at a dialogue meeting between the Commission and non-governmental organisations in Brussels on Wednesday 27 January 1999, www.xs4all.nl/~ceo/mai/eu/euinvdis.html.

48. European Commission DG1A, "Note for the attention of the 113 Committee, Subject: WTO New Round – Trade and Investment", Brussels, 15 December 1998, www.xs4all.nl/~ceo/mai/eu/113invest.html.

49. Notes made during EC-NGO dialogue meeting, Brussels, 28 January 1999.

50. EC, "Minutes of the first meeting of the Investment Network", European Commission document, Brussels, 27 November 1998.

51. EC, "Annotated Agenda, Investment Correspondent Network", Brussels, 5 March 1999.

The work plan of the ERT—to prepare the path for a MAI in the WTO—includes an ERT delegation to go to the WTO and have a dialogue with them and to assist, guide and help the Commission come up with a solid document which should be acceptable to the wide audience. The ERT's new pragmatic approach includes accepting social and environmental clauses in the WTO, as Philippa explains: "We cannot circumvent. We have to accept the situation that environmental and social issues will become of more and more importance."⁶²

• **Trans-Atlantic Business Consensus**

The over 100 corporate leaders involved in the Trans-Atlantic Business Dialogue (TABD) have a formal role, advising the EU and US administrations on their positions in WTO negotiations.

As the crisis in the OECD MAI negotiations deepened, the TABD was increasingly split along Atlantic lines. At the November 1998 TABD summit in Charlotte, North Carolina, EU industry lobbied hard to convince its US counterparts, who had not yet abandoned the OECD dream, to join its offensive for an investment treaty in the WTO. According to European TABD spokesperson Stephen Johnston: "We have decided to work in the WTO. The TABD has regrouped."⁶³

The consensus reached within the TABD is reflected in the mid-year report that it submitted to the EU-US Summit in June 1999, in which it calls for a "broad-based" round of negotiations to be concluded in three years.⁶⁴ The new round should be flexible, so that "when an agreement with a critical mass is reached it can be implemented, rather than waiting for the conclusion of all other negotiations".⁶⁵

The TABD wish-list for the Millennium Round largely mirrors the EU proposal of expanding the WTO's built-in agenda (agriculture, services, TRIPs) with liberalisation negotiations on a range of further issues such as investment, government procurement, trade facilitation and industrial tariffs. The wish-list also includes so-called "deliverables", to be finalised in November/December 1999 at the Seattle Ministerial Conference—among them, controversial agreements on forest products and electronic commerce.

As for environment and competition policy, the TABD is far less ambitious. The mid-year report recommends continuing with

ongoing studies. The TABD expects it will be able to have an impact on the WTO Seattle Ministerial. As Johnston explains: "Once you have a powerful agreement, even if it is the day before, that will make a difference for what the people say."⁶⁶

• **ICC: Revolving Doors**

The International Chamber of Commerce (ICC), one of the most heavyweight corporate players behind the MAI, is also the international business grouping with the closest links to the WTO Secretariat.

Stefano Bertasi, head of the ICC Working Group on Trade and Investment, explains: "We've always had, throughout the years, a very close working relationship with the WTO, because obviously they deal with issues which are central to business interests. The ICC has always been a vector for business input into WTO work since its creation [and] since the creation of the WTO and the beginning of the multi-lateral trade negotiations."⁶⁷ Bertasi says that the ICC's strategy to influence the process "is done in two ways: directly through the intergovernmental organisations, and through the member governments of those organisations through our national committees".⁶⁸

Part of the explanation for the handy connections with the WTO is the fact that the ICC Working Group on International Trade and Investment Policy is headed by Arthur Dunkel, Director-General of the

GATT during the Uruguay Round.⁶⁹ Dunkel is also a registered WTO dispute panellist and a board member of Nestlé.

The ICC has a long tradition of massive lobbying campaigns to influence WTO negotiations, including a six-month campaign in the run-up to the first Ministerial Conference in Singapore. Decisions taken there to remove tariffs on information technology products and to establish new working groups on investment and competition "met the business agenda for further trade liberalisation as spelled out by the ICC".⁷⁰

In the second half of 1998, the ICC began to gear up for the proposed Millennium Round. "We have already had several informal contacts with the WTO on the new issues that they are looking at," says Bertasi.⁷¹

The ICC's campaign towards the Seattle Ministerial Conference was kicked off on 20 May, when a top-level ICC delegation

The International Chamber of Commerce (ICC), one of the most heavyweight corporate players behind the MAI, is also the international business grouping with the closest links to the WTO Secretariat.

In the annotated agenda for the Investment Network meeting of 5 March, the EC explains the purpose of the process: "The current discussions between WTO partners show us that it will be difficult to move forward on all fronts in Geneva as regards our interests in investment issues. It is therefore crucial for EU negotiators to know where the priorities of European businesses really lie, with a view to building up a negotiation strategy in the longer term."

52. ESN, "GATS 2000: Opening markets for services", leaflet.

53. Sir Leon Brittan, in a speech delivered at the first meeting of the European Services Network, Brussels, 26 January 1999, <http://gats-info.eu.int/gats-info/gatsesn.pl?>

54. Cowles, Maria Green, "The TABD and Domestic Business-Government Relations: Challenge and Opportunity", draft, to be published in: Maria Green Cowles, James Caporaso and Thomas Risse (eds), *Europeanisation and Domestic*

Change, forthcoming website, www.iue.it/Personal/Risse/Rissedoc/cowles.doc.

55. Maucher, Helmut, "Ruling by Consent", guest column, *Financial Times*, 6 December 1997, FT Exporter, p. 2.

56. UNICE, "Forthcoming WTO Multilateral Negotiations. Preliminary UNICE Objectives", 16 July 1998.

57. Through numerous combined impacts, economic globalisation poses a fundamental threat to ecosystems at the local, regional and global levels. To feed highly unsustainable production and consumption patterns, initially in the rich industrialised countries but now becoming increasingly globalised, corporations continue to exploit irreplaceable natural resources in the remaining pristine corners of the world. Intensive and destructive agricultural and fishery practices are replicated worldwide, causing huge environmental damage and threatening local food security. Sky-rocketing volumes of transport,

fuelled by ever-increasing distances between producers and consumers, are a major contributor to health-threatening pollution and dangerous climate change. See, for instance, "The Environmental Impacts of Economic Globalisation", forthcoming study by the International Forum on Globalization, San Francisco.

58. ERT, "European Industry: A Partner for the Developing World", Brussels, 1993.

59. Interview with Wim Philippa, Brussels, 16 December 1998.

60. Peter Sutherland is former Irish Justice Minister, was EU Competition Commissioner from 1985 to 1989 and GATT/WTO Director-General from 1993 to 1995.

61. Interview with Wim Philippa, Brussels, 16 December 1998.

62. *ibid.*

63. Interview with Stephen Johnston, Brussels, 26 January 1999.

(including its President, Adnan Kassar, Vice-Presidents Richard McCormick from US WEST and Nestlé's Helmut Maucher, Secretary-General Maria Livanos Cattai, and the Chairman of ICC Germany, Ludger Staby) met with German Chancellor Schroeder to bring him the ICC's demands for the G8 Summit two weeks later.

The ICC's agenda, like the other corporate groupings, doubles the new issues proposed by the European Commission: investment, government procurement and trade facilitation. However, the ICC statement hardly shows any signs of a softer, more consensus-seeking line. In its message, the ICC calls on the G8 governments to ensure that MEAs and eco-labelling schemes do not get in the way of free trade.

Hungry for a global investment agreement, the ICC is very busy trying to persuade developing-country governments that such a deal would be in their interests. "If ever there was a piece of international legislation that is in the interests of the developing world, it is a comprehensive and uniform agreement to govern foreign direct investment," claimed ICC Secretary-General Maria Livanos during a recent visit to South Africa.⁷² One can only hope that the South African Government will listen to the many citizens' groups who leave no doubt about their opposition to the 'neo-colonial' corporate investment agenda as promoted by the ICC.⁷³

FIGHTING THE WORLD TRADE ORGANIZATION 'MILLENNIUM BUG'

Citizens' groups in both the North and South are increasingly turning against the World Trade Organization due to its abysmal social and environmental record. In Southern countries, public awareness about the trade body is growing, and people's movements are mobilising against the free trade agenda. This is evident in countries like India, where hundreds of thousands of people have joined public demonstrations against the WTO. Also, more and more parliamentarians in Southern countries are demanding fundamental changes in the WTO agreements which they signed without fully understanding the implications.

A significant number of developing-country governments, including India, Pakistan and Egypt, have been very vocal about their opposition to the new round, preferring to stick with the

built-in agenda and to make existing agreements more development-friendly. After a few years of experience within the WTO system, many Southern governments are more confident about their positions and may not back down to US and EU pressure as easily as they have done in the past.

The Commission's offensive to achieve another quantum leap in trade and investment liberalisation will predictably cause a further deepening of the social and environmental crisis in a global economic system that is clearly not 'Millennium-proof'. Only time will tell how successful the Commission's attempt to seduce 'civil society' has been.

Although the greenwashing tactics will, without doubt, persuade some NGOs, campaigning against the proposed Millennium Round is quickly on the rise. A March 1999 statement, rejecting the idea of such a new Round, had by June already been signed by 700 citizens' groups from all over the world. The NGOs demand "a moratorium on any new issues or further negotiations that

expand the scope and power of the WTO".⁷⁴ Instead, they propose a fundamental review of the WTO system, stressing the need to "change course and develop an alternative, humane and sustainable international system of trade and investment relations."

A condition for any positive change is that governments move away from the disastrous habit of shaping their international trade policies around the interests of large TNCs. The existing WTO agreements that are the result of this deeply flawed approach

are increasingly losing legitimacy, as is the WTO as an institution. Indeed, the opposition against the attempt to consolidate the failed model of neoliberal globalisation through a Millennium Round is one of the major struggles for a turn towards a more just and sustainable global economy at the edge of the new millennium.

About the Authors:

Corporate Europe Observatory is a research and campaign group targeting the threats to democracy, equity, social justice and the environment posed by the economic and political power of corporations and their lobby groups. This edition of *Corporate Europe Observer* (no. 4) is from Belén Balanya, Ann Doherty, Olivier Hoedeman, Adam Ma'anit and Erik Wesselius. An earlier CEO briefing paper, "MAlgalomania!", about the Multilateral Agreement on Investment (MAI), was published in NEXUS 5/03 and 5/04.

Citizens' groups in both the North and South are increasingly turning against the World Trade Organization due to its abysmal social and environmental record.

Endnotes (continued)

64. TABD Mid-Year Report, 19 May 1999.

65. *ibid.*

66. Interview with Stephen Johnston, Brussels, 26 January 1999.

67. Phone interview with Stefano Bertasi, 22 February 1999.

68. *ibid.*

69. Dunkel is former Swiss trade negotiator and chaired the GATT from 1980 to 1993.

70. ICC, "The world business organisation in 1997", brochure, p. 4.

71. Phone interview with Stefano Bertasi, 22 February 1999.

72. Maria Livanos Cattai, ICC Secretary-General, during a visit to the South African ICC national committee, 11 May 1999.

73. See, for instance, "Market Doesn't Replace Need for Development Cooperation", African NGO Declaration for UNCTAD IX, Midrand, South Africa, April 1996. "The neo-liberal economic para-

digm makes our governments unresponsive to our basic economic and social needs, forces open our economies to the advantage of external traders and investors, and makes African countries ever more dependent upon the richer industrialised countries and their transnational corporations. Our countries are being recolonised, and the responsibility of our governments to us is being replaced by their responsiveness to the needs and interests of TNCs and their home governments." See www.globalpolicy.org/socecon/bwi-wto/aftrade.htm.

74. Statement from members of international civil society opposing a Millennium Round or a new round of comprehensive trade negotiations, Geneva, 21 March 1999, www.xs4all.nl/~ceo/wto/wtomr-cn.html.

Web Resources

Some campaign groups:

- A SEED Europe: www.antenna.nl/aseed/
- ATTAC: www.attac.org

- Corporate Europe Observatory:

www.xs4all.nl/~ceo

- Common Front on the WTO (Canada):

www.sierraclub.ca/national/trade-env/env-guide-wto.html

- Council of Canadian: www.canadians.org

- Friends of the Earth:

www.foe.co.uk/foei/tes/index.htm

& www.foe.org

- Focus on the Global South: www.focusweb.org

- Observatoire de la Mondialisation:

www.europa.org/obs/

- Green Group in the European Parliament:

www.millennium-round.org

- People's Global Action: www.agp.org

- Public Citizen: www.tradewatch.org

- Third World Network: www.twinside.org.sg

- Transnational Institute:

www.worldcom.nl/tni/wto/

- World Development Movement:

www.oneworld.org/wdm/

GASTON NAESSENS AND THE SOMATID CYCLE

In identifying the mechanisms of the somatid cycle, biologist Gaston Naessens has opened up a new world of hope against cancer, AIDS and other degenerative diseases.

© by Ralph W. Moss, PhD

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Gaston Naessens is a Québec-based biologist who, many believe, has made fundamental discoveries relating to cancer, AIDS and the nature of life itself. Through the use of the Somatoscope, a unique microscope of his own invention, the French-born Canadian discovered a primitive biological entity, which he calls the *somatid*.

Naessens claims that the somatid is found in all biological fluids he has looked at, including plant sap and human blood. Over the last 45 [now 50] years, he has also developed a number of promising new drugs, including GN24, Anablast and 714X—a stabiliser for the immune system. While 714X is at present available to cancer and AIDS patients in Canada, its legal position in the USA is moot, due to US Food and Drug Administration (FDA) restrictions.

Naessens is best known for 714X, which some people believe has helped them control or even cure their cancer or AIDS. To Naessens and his followers, this is ironic, since 714X is only a byproduct of his more fundamental biological work. It is simply an attempt to help people in need, in accordance with his theory.

We have now made three separate visits to Naessens's Rock Forest laboratory. We have also visited the Cliniques Santé Levesque, south of Montréal, where people are trained in properly self-administering this product.

This special issue of *The Cancer Chronicles* is the result of an intensive, three-month investigation. We shall focus on Naessens's fundamental ideas rather than case histories of successes with 714X, although some of these can be found in Christopher Bird's book, *The Persecution and Trial of Gaston Naessens* (H J Kramer, Tiburon, CA, USA, 1991).

Naessens's ideas are so far-reaching that it would be naïve to expect them to be instantly accepted by the scientific establishment. Yet opposition to Naessens, as well as to those espousing similar views, has gone almost beyond belief. Since the early 1960s, Naessens has been pursued with fury by medical authorities. In 1964, he was "escorted" out of his homeland, France, after a national uproar over another one of his medications, GN24. After the beneficial effects of this drug were publicised, tens of thousands of people attempted to fly into Corsica, where Naessens had sought refuge at the time. This is still well-remembered in France as *l'Affaire Naessens*.

Seeking peace to do his work, Naessens resettled in Montréal, Canada. With his wife and co-worker Françoise (who died in October 1991), he eventually moved to more peaceful quarters in her family's cottage in Rock Forest, a suburb of the provincial town of Sherbrooke. Françoise, a trained laboratory technician, was co-developer of many of Naessens's innovative ideas.

Initially, Naessens was able to work quietly with the help of the MacDonald-Stewart Foundation of Montréal, a well-known supporter of innovative cancer research. His work was also investigated by Sherbrooke University—until administrators there realised that he was the Naessens of *l'Affaire Naessens*. And, inevitably, this scientific revolutionary gained the attention—and hostility—of the Québec Medical Corporation and its determined former director (1964–94), Augustin Roy, MD.

In May 1989, Naessens was suddenly arrested and thrown into a filthy prison cell. The charge was negligent homicide, as well as 64 counts of practising medicine without a licence (in Québec, this can refer not just to treatment but to diagnosis). The major charge stemmed from the death of a woman who had refused chemotherapy for her disseminated breast cancer in favour of 714X. The various charges added up to a virtual life sentence.

This arrest galvanised public opinion in much of Québec. A group of Naessens's sup-

porters organised mass demonstrations in Sherbrooke itself, and there was an unprecedented outpouring of international and celebrity support. In the end, Naessens was found innocent of all charges.

This incredible turn of events is reported in Christopher Bird's dramatic book. After the trial, in early 1990, patients successfully pressured Health and Welfare Canada to allow the distribution of 714X under its Emergency Drug Relief Program. So far [as at 1994] in Canada, about 4,000 prescriptions have been written by about 600 open-minded doctors.

Yet one should not suppose that the campaign of organised medicine against Gaston Naessens and his revolutionary ideas has ceased. In 1992, the FDA issued an import alert against 714X, banning its importation for commercial or even for personal use. And in July 1994, six FDA agents raided a Rochester, New York, company that was trying to educate the public about 714X as well as assist US patients in receiving this unique product.

Is Naessens indeed the master charlatan his enemies project? Or is he one of the greatest geniuses of our age? Is 714X just a worthless nostrum with possibly dangerous side effects? Or is it an ingeniously designed and unique product which has the ability to stabilise or even reverse symptoms in people with cancer, AIDS and other chronic illnesses?

Much is at stake here, for Naessens's ideas and discoveries could yield an entirely novel way of viewing the origin of cancer, AIDS and other degenerative diseases—as well as life itself.

If even some of Naessens's claims are correct, this fact could lead to major advances in such diverse fields as optics, microbiology, haematology and oncology. It is hard even to estimate the potential leap in medicine.

Somatidian orthobiology is truly paradigm-busting science. If Naessens is right, biologists won't have to rewrite their textbooks; they can throw them away.

GASTON NAESENS AND SOMATIDS

In the literature of quackbusters such as the American Cancer Society and the National Council against Health Fraud (NCHF), however, Naessens is demonised as an uneducated international faker whose entire career has been devoted to hoodwinking the general public. "Naessens has a long history of promoting dubious cancer remedies," says a 1993 NCHF article. It claims that he "peddles" secret formulas, making him "one of the folk heroes of the paranoid faction".

Yet, after days of intensive interviews, he and Ms Levesque [now Mme Levesque-Naessens] made a very favourable impression on us. Naessens is a calm and dignified man, and, as Chris Bird said, he has an almost aristocratic mien. For a person of 70 [now mid-70s], he is also remarkably youthful and buoyant.

Naessens and Levesque live in a modest but attractive house on the banks of the tranquil Magog River. Ducks play in the backyard and there is a rowboat moored at the foot of the steps. Inside, the living quarters are airy and white, sparsely decorated. Naessens's laboratory is in the low-ceilinged but roomy basement, as it has been for the last 30 [and more] years.

World-class scientific research is about the last thing you would expect in such a bucolic locale. There are no visible signs of other hobbies or interests; everything suggests that science is his life. One also has the impression that no one is getting rich here,

and that money is not the motive for him or his three stepsons who run the Centre d'Orthobiologie Somatidienne de l'Estrie, Inc. (COSE) next door.

Naessens speaks eloquently and with conviction, but in a non-aggressive manner. He struck us as formal and reserved—but hardly the "secretive" man which he is often accused of being. These are just impressions, but at least they are based on some personal knowledge and are uniformly corroborated by others who know him much better. His critics, on the other hand, generally condemn from afar, sparing themselves the bother of looking through his remarkable Somatoscope.

Gaston Michel Naessens was born on 16 March 1924 in Roubaix, a textile town just north of Lille, France. His father, a local banker, died when Gaston was only 10 years old.

Early on, young Gaston showed a penchant for nifty inventiveness. At the age of four, he attached an alarm clock to his Meccano set to create a moving mechanical device. As a teenager, he built a functional airplane—which his mother burned when she realised it really *was* going to fly! During the war, when gasoline was in short supply, he travelled on a motorcycle he had built that was entirely fuelled by wood!

After graduating from the Collège Universitaire de Marc-en-Baroeul in 1938, Gaston began courses in physics, chemistry and

biology at the University of Lille. After World War II broke out and the Nazis invaded northern France, Gaston with his classmates and teachers migrated to the south of France where they reconstituted their school in Nice. Naessens continued his scientific education there, and on 4 May 1945 received diploma no. 219 in engineering and biology from the Union Nationale Scientifique Française. However, after the war, in a youthful oversight he neglected to convert this wartime diploma into a formal degree from the new de Gaulle government.

Such war-spawned confusion over records and diplomas has led to repeated charges that Naessens has no formal education and therefore no ability to make scientific discoveries. His lack of credentials has often been used to discredit his message. For instance, the NCHF states that "Naessens claimed to have studied biology at the University of Lille, but records fail to verify this". As if World War II and the Nazi occupation never intervened!

In 1946, Naessens found work as a technician in a blood analysis laboratory in Clermont-Ferrand, west of Lyon. It was here that he first glimpsed unexplained particles in human blood. Others dismissed these as "dross", but Naessens had an insight that such "dross" might have biological significance.

At this juncture, Naessens set up his own laboratory with his mother's financial help. The key problem was that conventional light-microscopes could not provide a clear view of these particles. Standard microscopes barely showed them at all, and they would not take a stain. Clearly, what was needed was a new way of looking at blood.

There were two ways of increasing the power of the conventional light-microscope. The first was to increase the aperture of the lens—which was the direction being taken by all of the world's major optical firms. The second was to alter the nature of the light source itself. This was the ambitious course young Naessens set for himself.

In the late 1940s, he travelled to Germany and obtained the aid of that country's artisans, with their long tradition of skill in

Naessens's ideas are so far-reaching that it would be naïve to expect them to be instantly accepted by the scientific establishment.

optics. Back in France, Naessens created the first working model of an entirely new kind of microscope, which he eventually dubbed "the Somatoscope".

A major advantage of the Somatoscope is that it reveals the dynamic behaviour of living materials. Using this unique instrument, one can see right into the interior of living cells. For example, its view of the movement of some white blood cells is mesmerising: not only does one see the amoeba-like movement of these cells, but every individual granule (lysosome) within the granulocytes, moving, vibrating, pulsating. What you see in a conventional microscope is just dead matter.

It seems obvious that Naessens has made a major advance over conventional microscopes—one that would boggle the mind of any sincere biologist who looked through this instrument. Yet this remarkable tool—and the inexpensive condenser derived from it—remains unknown to the vast majority of scientists.

The reasons for this are complex. On the one hand, Naessens is not interested in publishing in scientific journals because he feels that completely new ideas cannot survive the so-called peer-review process. On the other hand, academics sometimes are unduly sceptical about the work of independent laboratories, such as Naessens's Centre Expérimental de Recherches Biologiques de l'Estrie, Inc. (CERBE). Another reason is that the Somatoscope's mathematical constants have not been elucidated up until now, despite much difficult work expended on this question. Thus, neither Naessens nor anyone else is yet able to give a rounded explanation of the physics or mathematics involved in this remarkable invention. That it *does work*, however, is indisputable.

Once Naessens had invented the Somatoscope, he was able to see more clearly the "dross" that he had first noticed in human blood. This "dross" turned out to be dancing particles, some no larger than "viruses", normally present in tremendous profusion. Naessens calls these particles *somatids*—a word he coined, meaning "little bodies". In fact, on 1 July 1963, he registered his theory of somatids with the French Academy of Sciences in Paris.

There was then, and is today, no conventional recognition, much less explanation, of this phenomenon. It is one of the most extraordinary facts of modern science that such a prominent feature of blood, which can be seen by anybody using a Naessens condenser, is non-existent according to every orthodox textbook.

SOMATIDS AS LIVING ENTITIES

When Naessens was put on trial in 1989, this forced some doctors to confront the somatid. One explanation offered for these particles was that they were simply "artifacts". This explanation is illogical. Webster defines an "artifact" as a "product", such as a structure on a prepared microscope slide, of artificial character due to extraneous (e.g., human) agency. Thus, artifacts by definition are not natural occurrences, but are things created in the act of staining or otherwise preparing tissues for microscopic examination.

However, remember that Naessens uses fresh blood—no stains, dyes or colourants at all. After carefully rubbing the skin with alcohol, he pricks the finger and then deftly touches the slide to the resulting drop of blood. He then quickly places a cover slip over that, and examines it for about 20 to 30 minutes. And that's

it. It is difficult to see how millions of artifacts could suddenly be created by such a simple, virtually sterile procedure.

Another, more intelligent objection is that somatids are merely lipoproteins of various densities, including chylomicrons, HDL, LDL, etc. The confusion is natural, since after a fatty meal there are a great number of chylomicrons in the blood. These often give it a turbid, milky appearance for a few hours. However, Naessens has repeatedly examined blood samples and heated them to as high as 70°C (158°F). This certainly immobilises all chylomicrons and lipoproteins, yet large numbers of dancing somatids remain just as active after this procedure. (This is visible on the 1992 AIDS videotape from COSE.) This demonstrates that the somatids are not chylomicrons or other lipoproteins.

It is also sometimes stated that the ceaseless, lifelike dance of the somatids can be explained as "Brownian movement", which is the erratic, non-directional, zigzag motion of particulate matter. Even if somatids did move by Brownian motion, this would hardly rule out their biological activity. (Red blood cells, by analogy,

have no independent means of locomotion.) However, this explanation of the somatid dance hardly accounts for some of the distinctly non-random properties one easily observes.

Under the Naessens microscope or the condenser, one can routinely see the somatids repelling one another. Naessens once captured a somatid under the electron microscope and found that it had a positively charged nucleus and a thin, negatively charged outer coating. One can also see that somatids are attracted to the positive pole of a magnet placed on one end of the slide. In addition, in videotaped experiments one can see

somatids (as well as their extended forms) emerging from red blood cells when these are stressed by heat. One can also frequently see somatids "refusing" to emerge from red blood cells and, instead, "parasitising" those cells in little nests—which look highly abnormal, and seem to be a sign of present or impending illness.

In our opinion, the least likely explanation of somatids is that they are just unidentified garbage—cellular debris with no possible significance. We should recall that, a century ago, platelets (now known to be a crucial element in the blood) were considered simply "debris derived from the degradation of other blood cells" (W.S. Beck, ed., *Hematology*, MIT Press, USA, 1994, p. 542).

The best hypothesis at the moment remains that of Naessens himself: that somatids are living entities of tremendous importance to medicine, and in some fundamental sense are an element necessary for the reproduction and growth of normal cells.

Certainly, many questions remain about the exact nature of these fascinating entities, their internal structure and their chemical makeup as well as their relationship to cancer and other diseases. And just because Naessens discovered and named them, this does not mean that all his current explanations are necessarily correct or could not be modified with new information or explanations. (Even Galileo at first thought that the moons of Jupiter were "four planets...which have their orbits around a certain bright star".) Naessens believes we are just at the beginning of understanding a vast new era. But a fuller explanation of somatids will go hand in hand with the development of ever more sensitive tools.

On 1 July 1963, Naessens registered his theory of somatids with the French Academy of Sciences in Paris.

There was then, and is today, no conventional recognition, much less explanation, of this phenomenon.

GASTON NAESENS'S 714X TREATMENT — ANOTHER SUCCESS STORY —

Dear Mr Roads: I present this personal story to you in the hope that even one of your readers may benefit by acquiring the knowledge that I was so blessed to stumble on.

Three years ago, my son, then 17, developed a giant cell tumour of the left tibia, a tumour which grew so rapidly that it destroyed much of the top part of the bone. At that time, having little understanding of cancer, we happily went along with the medical "treatment of choice", i.e., removal, by surgery, of the tumour, and packing of the vacant shell with bone from a bone bank, coupled with some bone chips from his hip to act as a catalyst. Within four months, the body rejected the bone graft and the tumour returned with such aggression that it broke through the skin and continued growing [see photograph, below left].

Having developed an increasing scepticism towards the medical approach, my son rejected the next "treatment of choice"—which was amputation of the leg, plus huge doses of chemotherapy. We were verbally abused and told that when my son died, which he surely would, we would be guilty of murder.

At that time, we were introduced to a book called *The Persecution and Trial of Gaston Naessens*. It concerns a man who, 40 years ago, made a biological discovery of immense importance to the human race, and through that discovery uncovered the pathway the body takes towards degenerative diseases such as cancer. Gaston Naessens, "the Galileo of the microscope", went on to produce a product which reverses the disease process, allowing the body to return to a normal state.

The book highlights the ruthlessness of the medico-pharmaceutical conglomerate and the lengths to which they will go to suppress anything and everything that threatens their profits.

They tried to have Gaston Naessens jailed for life on trumped-up charges. But due to an excellent attorney and a fair legal system, this time their ploy backfired.

Anyhow, my son and I visited Gaston Naessens in Rock Forest, Québec, and my son, having undergone a live blood test, was advised to begin his first course of 714X injections immediately. Within seven months (nine three-weekly courses of injections), the tumour had disappeared—literally withdrawn back into the body [as can be seen in the photograph, below right]. I have in my possession pre- and post- X-rays which show 100% bone regeneration—astounding when you consider that the medical fraternity sees this as impossible.

My son is now a normal, healthy 20-year-old who rows for the university team and plays an excellent game of golf. How different his life would have been if he had accepted the "orthodox" view.

Due directly to our experience with 714X, other people in South Africa have chosen to use the product because "orthodox" medicine, as usual, has not lived up to its lofty claims or because that approach was not an option for them in the first place. The results are now predictable: if the body has not reached the point of no return, 714X will cure cancer and most degenerative diseases, including the killers—lung cancer, mesothelioma and brain tumours.

My very best regards,

Dr W. A. Stevens

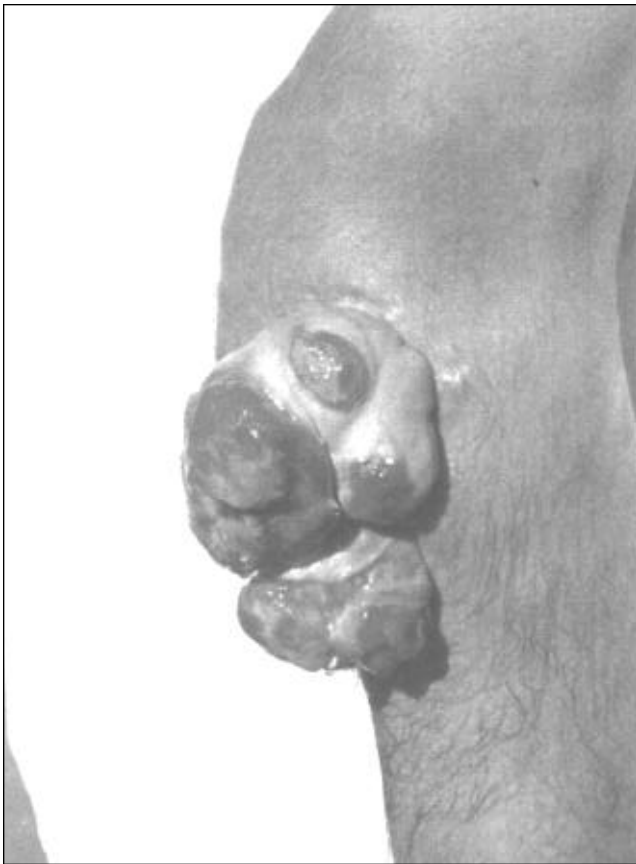
16 June 1999

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THE SOMATID CYCLE

After more than four years of work, Naessens developed his own technique for isolating somatids. When thus cultured in a Petri dish, somatids reveal a new picture. He observed that in the absence of blood inhibitors, somatids do not remain somatids *ad infinitum* but enter upon a definite life-cycle. They routinely undergo a series of polymorphic transformations which are predictable and have been repeatedly captured on the Somatoscope. Originally, to observe these changes took 90 hours of sitting at the microscope, but, more recently, Naessens has employed a video recorder.

His persistent study of the somatids in culture led Naessens to one of the most revolutionary aspects of his work: his claim that the little somatid particle is only the first stage in a string of polymorphic transformations.

In the blood of healthy people, the somatid cycle has but three phases after formation in the red blood cells: somatid, spore, and then double spore. But in people who have cancer or other degenerative diseases, or are in the process of developing these, Naessens claims that a kind of natural "gate" gives way and the somatid unfolds 13 additional phases, for a total of 16 phases of the complete macro-cycle. That is why the existence of any of phases 4 to 16 in the blood is a sign of a weakened natural defence system.

Naessens considers the elucidation of this cycle as one of the crowning achievements of his long career. He is the first to admit, however, that over the years others have also seen phases of this cycle. Between 1840 and 1900, for example, about 10 scientists wrote about them. Between 1900 and the present, there have been over fifty. Most of these scientists dealt exclusively with the bacterial phase, believing that they were working with an externally generated "cancer microbe".

Naessens has fully defined a sequence of changes that has only been suspected before: the *pleomorphism* of an organism normally resident in the human body.

THE SOMATOSCOPE: NEW VISTAS IN HEALTH

Naessens raises hackles in others when he says that the somatid "microbe" and some of its dependent phases inhabit normal blood. Every medical student learns that normal human blood is sterile. A profusion of living organisms in the blood would not be normal or common; in fact, it sounds like septicaemia, a condition that would require immediate treatment with antibiotics.

But the most fundamental challenge comes in cancer, for it is the prevailing belief of oncologists that microbes have nothing to do with the onset of cancer. When they do occur in cancer patients' blood, it is only as an "opportunistic" infection or as a contaminant on a slide. The very idea of a bacterial cause—once a popular hypothesis—has now dropped out of the very consciousness of modern science. It goes unmentioned in De Vita's 2,747-page orthodox textbook on cancer.

All of this helps explain some of the resistance that Naessens has faced over the years. Yet, with all that, the blindness of orthodox medicine is hard to accept. There the Somatoscope sits, ready for close examination, just a few short hours from the leading cancer research centres of North America.

The Somatoscope offers startling vistas into health and disease. For example, the blood of a woman, who was part of a diagnostic research project, presented a shocking sight: a virtual "zoo" of living, swarming micro-organisms in a single drop of live blood. None of these organisms is written about in standard textbooks, to our knowledge, yet one can readily recognise many of the forms Naessens describes in his somatid cycle. According to this wom-

an's oncologist, however, she was not only free of infections, but was in remission of her cancer as well!

We also saw the blood of people in the research program who were ostensibly well, yet had various stages of the somatid cycle in their blood. Such people, Naessens claims, are in danger of developing some type of degenerative disease, including cancer. Protective factors have given way, allowing the somatid cycle to progress beyond its normal three stages and break into the danger zone.

DISSECTING THE SOMATID

In its cultured, resistant form, the somatid appears to be crystalline and is remarkably resilient. For example, over the years Naessens has subjected such cultured somatids to high doses of radiation, to carbonising temperatures (200°C) and to dissection. A cultured somatid broke three microscopic diamond knives before it was successfully cut in half.

On the other hand, the somatid, as it normally appears in the blood, is quite vulnerable to destruction. During one's lifetime, the concentration of somatids varies, depending on the strength of the natural defences.

Naessens also believes that cell division cannot happen without the growth-promoters the somatids produce. That makes them essential to the existence of life.

WHAT IS PLEOMORPHISM?

Pleomorphism is defined as the "existence of irregular and variant forms of the same species or strain of micro-organisms". This is a well-known phenomenon in certain bacteria, yeasts and other microbes. According to one textbook, "Many fungi, particularly those that cause disease in humans, are dimorphic, that is, they have two forms" (C. Villee et al., *Biology*, Saunders, NY, 1985).

Such changeability in microbes is rarely welcomed by doctors. Even *Encyclopaedia Britannica* admits that it "greatly complicates the task of identifying and studying" germs.

Some pleomorphism is relatively simple. For example, common brewer's yeast (*Saccharomyces cerevisiae*) grows in an orderly and harmless way, except when it is faced with a lack of nutrients. Then it turns nasty, throwing out mould-like growths. While brewer's yeast is considered a "health food", scientists call its mouldy form "critical for pathogenesis" (i.e., disease).

Interestingly, this change is triggered by "low levels of ammonia"—a major source of nitrogen. This is similar to Naessens's theory about the origin of cancer and other degenerative diseases: progressive nitrogen starvation of the healthy cells, caused by overconsumption of nitrogen by pathological cells.

Brewer's yeast's unusual behaviour permits otherwise stationary cells "to forage for nutrients...at a distance from their initial colonization site" (*Cell* 1992;68:1077-1090). They "penetrate the surface of the agar plate and grow down into the medium".

But despite their similarity to brewer's yeast, the pleomorphic organism Naessens has identified goes way beyond anything found in textbooks.

The somatid is an astonishing shapeshifter in culture. In rapid progression (less than 90 hours), it can be spore, double spore, bacteria and double bacteria, microbial globular form, yeast, ascii, mycelial form, fibrous thallus, etc.

"Foraging yeast" resembles one part of the somatid cycle, where yeasts also change into mycelial (mould-like) forms. But the somatid is inherent in human blood: its recognition would revolutionise microbiology as well as preventive medicine.

GASTON NAESENS'S PREDECESSORS

Patients hearing about Naessens's remarkable work for the first time often say, "If this were true, my doctor would have told me about it." Scientists ask, "How is it that nobody else has seen this somatid in human blood?"

In fact, many researchers over the years have grasped pieces of this puzzle and have associated these pieces with the origin of cancer. But for complex reasons, the news hasn't reached the average physician.

Throughout much of the 19th century, it was in fact assumed that cancer was caused by a microbe. National Cancer Institute historian Michael B. Shimkin has written:

"In the early [18]90s, it appeared to have been a question not so much as to the infectious origin of cancer, but rather as to which of the many parasites was the real causative agent."

In his classic 1907 textbook, *Neoplastic Diseases*, James Ewing listed a total of 38 different organisms, including bacteria, cocci and mycetes, found in cancer. Almost no one knew how (if at all) these organisms related to one another.

Partly because of such confusion, and partly due to a growing enthusiasm for radium and X-ray treatments, the whole "cancer microbe" search went out of favour. In fact, scientists then flip-flopped, and it became very bad form even to mention microbes and cancer in the same breath.

For decades, this prejudice held up the discovery of cancer-related viruses. Peyton Rous, who discovered the chicken sarcoma virus in 1910, was almost universally derided by his peers. Vindication came only in 1966, when, at the age of 87, he received the Nobel prize.

Belief in the bacterial theory persisted, however. In the 1920s, a brave Scotsman, Dr James Young, recognised that some of the conflicting claims could be the result of pleomorphism. He wrote:

"Some at least of the organismal forms previously obtained from cancer by different workers are in reality isolated alternative phases in the same cancer organism..."

In our own day, Dr Virginia Livingston-Wheeler led a school of pleomorphic thought, that included Drs Irene Diller and Eleanor Jackson. Livingston called her organism *Progenitor cryptocides*, i.e., "a hidden killer that also brings life". This was very similar to the somatid.

Naessens always credits some of the more prominent Western European scientists who have worked in this area. But the three thinkers who bear the closest resemblance to Naessens are a 19th-century French professor, a German museum curator, and an eccentric American inventor from San Diego, known for a "ray-gun" treatment device.

Antoine Béchamp (1816–1908) was a full professor at Montpellier, Strasbourg and Lille, and an unsuccessful rival of the great Pasteur. His crowning achievement came in 1866 when he identified *microzymas* in the blood. These are almost certainly identical to Naessens's somatids—which is remarkable, considering the crudity of the tools with which the earlier Frenchman had to work. Béchamp wrote that "the microzymas are the only non-transitory elements of the organism..."

Although Naessens is also French, he'd never heard of Béchamp's microzymas until author Christopher Bird brought the

work to his attention in 1981. Then, as now, standard scientific texts did not mention Béchamp.

Guenther Enderlein (1862–1968) was curator of the Zoological Museum in Berlin and the author of more than 500 scientific publications. He, too, saw a "thousand-headed monster" in human blood and believed that a particle, which he called the *protit*, represented an essential part of its life cycle.

As one interpreter, Erik Enby, has put it: "Any severe change or deterioration of the body's internal environment could enable the otherwise non-harmful microbes to evolve through specific states of cyclic development into disease-producing forms..."

Protits can be seen under a dark-field microscope as tiny, shining points. Enderlein called the protit's life cycle the *endobiosis complex*, made up of 14 (rather than Naessens's 16) stages, and said it was fundamental to many diseases. But Enderlein identified the protit with *Mucor racemosus fresen*, a common mould.

Royal Raymond Rife (1888–1971) began his career as a talented tinkerer. In the 1930s, sponsored by a wealthy employer, he invented a unique "Universal Microscope" based on complicated

prisms. There is a complete, dispassionate description of this remarkable instrument in the *Journal of the Franklin Institute*, February 1944.

Rife also saw strange organisms swimming in the blood. He focused on a tiny "cancer microbe" which refracted purplish-red light. He called this "microbe" *BX*.

Rife also invented the Rife Generator, which, when set to a particular frequency, could allegedly explode cancer cells. People were said to have been cured in this way in the 1930s at the Scripps Clinic.

Rife ran into fierce opposition and died a broken man. Since publication

of Barry Lynes's book, *The Cancer Cure That Worked!*, there has been intense interest in reviving Rife's pioneering work.

Editor's Note:

See also "The Amazing Wonders of Gaston Naessens" in NEXUS 2/18, and "Royal Raymond Rife & the Cancer Cure that Worked" in NEXUS 2/16.

About the Author:

Ralph W. Moss, PhD, is the author of eight books and three documentaries on cancer-related topics. He is an adviser on alternative cancer treatments to the National Institutes of Health, Columbia University and the University of Texas. He researches and writes individualised "Healing Choices" reports for people with cancer.

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Royal Raymond Rife (1888–1971)

also saw strange organisms swimming in the blood.

He focused on a tiny "cancer microbe" which refracted purplish-red light.

He called this "microbe" BX.

UP AGAINST THE BEAST HIGH-LEVEL DRUG RUNNING

An imprisoned former US Green Beret is suing the CIA, George Bush and others, to draw attention to their complicity in government-sanctioned drug-trafficking operations and cover-ups.

Part 1 of 2

by Uri Dowbenko © 1999

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I. BILL TYREE'S LAWSUIT: DRUG PROFITS ALLEGEDLY FUNDED FEMA

Speculation about the mysterious origin and funding of the so-called US Federal Emergency Management Agency (FEMA) has continued for decades. Most recently, the history of FEMA as an illegal, unconstitutional entity has been exposed in an unprecedented lawsuit against the Central Intelligence Agency (CIA) and its alleged drug-trafficking and money-laundering operations.

In September 1998, a US\$63 million lawsuit (Case No. 98-CV-11829-JLT) was filed by Massachusetts attorney Ray Kohlman on behalf of former Green Beret William M. (Bill) Tyree. Kohlman, a former legal investigator for attorney William Pepper in the Martin Luther King, Jr. murder trial of James Earl Ray, filed a 101-page complaint on behalf of his client. The suit, replete with five inches of affidavits and appendices, names the Central Intelligence Agency, former Massachusetts Governor A. Paul Cellucci, former Massachusetts Attorney-General L. Scott Harshbarger, former CIA Director and US President George Bush, and self-admitted government assassin D. Gene Tatum as Defendants in a far-reaching case involving US Government-sanctioned drug smuggling, murder and cover-up.

Bill Tyree is currently serving a life sentence for the murder of his wife—a case eerily similar to that of Dr Jeffrey MacDonald, a Fort Bragg doctor who was framed for the murder of his wife and children in the early 1980s.

"In the mid-1970s, while serving in Panama, Tyree and other Green Berets were led into Colombia under the command of Green Beret Colonels Cutolo and Baker to plant radio beacons, so that planeloads of cocaine could fly below Colombian and US radar and land undetected in Panama," writes former LAPD officer Mike Ruppert in his newsletter, *From the Wilderness* (PO Box 6061-350, Sherman Oaks, CA 91413, USA, website www.copvcia.com).

"Orders for these missions came from the CIA's Ed Wilson and Tom Clines," continues Ruppert. "Tyree had been a part of many secret missions and was losing his taste for it. His wife was keeping a diary [for which she was presumably murdered, after which the diary was confiscated and later disappeared]."

"Five Special Forces Colonels—Cutolo, Baker, Malvesti, Rowe and Bayard—have died under mysterious circumstances since. The heart of the Tyree documentation consists of an affidavit allegedly written by Colonel Cutolo, who was also Tyree's commanding officer at Fort Devens, Mass., at the time of Tyree's arrest. Both were then with the 10th Special Forces.

"That fifteen-page document gives precise details of CIA drug operations using Special Forces personnel. It also describes how Tyree was framed for the murder of his wife and how Special Forces personnel were used to intimidate and conduct illegal electronic and physical surveillance of anyone who might expose CIA drug dealing," Ruppert concludes.

No Legal Funding For FEMA

According to the actual complaint in the lawsuit: "...the Plaintiff [Tyree] alleges that the Defendants CIA and George Bush were negligent and failed at the conclusion of Operation *Watchtower* to monitor the post-*Watchtower* events and seek legal congressional funding for the origination of FEMA (Federal Emergency Management Agency), and this failure led to the concealment and cover-up of Operation *Watchtower*, written about in the diaries of Elaine Tyree, seized illegally and turned over to Colonel Carone and then to the CIA which ensured that the Operation *Watchtower* drug trafficking operation would

remain covert, allowing the drug profits from this Operation to be used to circumvent Congress and fund FEMA and continue the pattern of criminal activity."

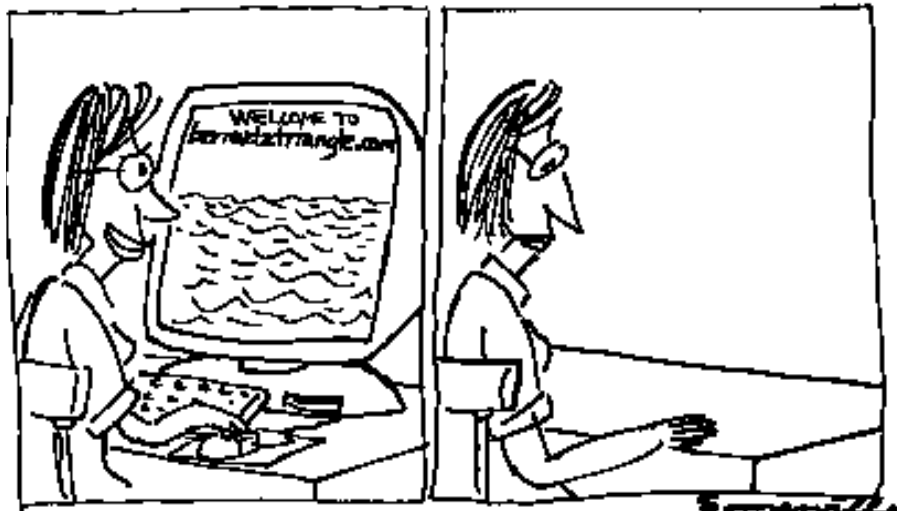
Colonel Carone, who died in 1990, was a CIA paymaster and Mafia-connected money launderer, who incidentally held the rank of full colonel in Army Intelligence. As Oliver North's bagman, Carone also couriered large amounts of cash in and out of the country. According to former Federal Aviation Administration (FAA) investigator Rodney Stich, "Carone had complex relationships". In his underground bestselling book, *Defrauding America* (www.defraudingamerica.com), Stich writes that Carone was a member of the Gambino family, had connections to other crime groups in the eastern part of the United States, was a detective on the New York City vice squad, a member of the military and a CIA operative.

Stich writes: "Dee [Ferdinand, Carone's daughter] said her father was a detective and 'bag man' in the New York City police department, collecting money that was distributed to captains and inspectors as payoffs for 'looking the other way' where drugs were involved..."

"Referring to CIA-Mafia drug trafficking, she said she knew from what her father said that the drugs coming from South America went to the Colombo, Genovese and Gambino families, and that it was a joint CIA-Mafia drug operation under the code name Operation *Amadeus*," continues Stich. "She said that during World War II, Operation *Amadeus* was involved in transporting Nazi officers from Germany into South American countries. According to her father's notes, Operation *Amadeus* split into several other operations, including Operation *Sunrise* and Operation *Watchtower*."

In the lawsuit, Tyree alleges that CIA and George Bush were negligent by allowing the stolen diaries of Elaine Tyree to be used to further cover up "Operation *Watchtower*, which was one of several illegal drug operations that produced a profit which was used in turn to help originate and implement FEMA" (p. 23).

It is further contended in the lawsuit that CIA and George Bush violated the "separation of powers, [i.e.,] the Executive Branch brought about an agency (FEMA) which has the authority to suspend the US Constitution (e.g., further suspending legislative and judicial branches), but is vague in its verbiage as to what does constitute an emergency, and fails to list what, if any, duties the legislature and judiciary will have to perform if the US Constitution is suspended" (p. 23).



No Legal Standing For FEMA

Even though the origin of FEMA has remained historically unclear, Tyree alleges in the lawsuit that FEMA, created by Executive Order, is illegitimate "since Congress had to approve FEMA for two specific reasons: (1) FEMA is a vaguely written Executive Branch-created agency that has the power to suspend the US Constitution and put the legislative and judicial branches of government out of work; (2) FEMA is an Executive Branch creation that clearly affects all three branches of Government capable of silencing the voice of the people (i.e., legislative) and the legal redress of the people (i.e., judiciary)".

FEMA was allegedly created by Executive Order 12148, which became law simply by its publication in the Federal Registry. In other words, Congress was bypassed for FEMA's authorisation as well as its funding. But if Congress never authorised the agency, where do operational expenses come from? Tyree's lawsuit alleges that laundered drug profits were the initial source of FEMA's funding.

According to the lawsuit: "...the Plaintiff [Tyree] alleges the Defendants CIA and George Bush did intentionally engage in the complained-of conduct herein to conceal: (1) the origins of FEMA, and that profits from drug trafficking by the CIA were used in some part to originally fund FEMA and the drafting of the FEMA infrastructure..."

An even more astounding allegation in the lawsuit is that Colonel Carone told Tyree himself that "Colonel Ollie North worked on developing a plan, known as FEMA, which would in an ill-defined national emergency allow the US Military to take control of the United States to ensure National Security". Colonel Carone said that "FEMA" originally stood for "Federal Emergency Military Action" (i.e., martial law), but was retitled "Federal Emergency Management Agency" because it would be better received by the people of the United States.

The late Colonel Carone also claimed that he "took drug profits that were clean and laundered in 1982-1984 to the following: NSC-Colonel Oliver North, who used the funds to create and develop FEMA" (p. 88 of the lawsuit).

Colonel Oliver North and FEMA

Oliver North's role in the creation of FEMA should be better known. In a book called *Guts and Glory: The Rise and Fall of Oliver North*, author Ben Bradlee, Jr, writes:

"North's work for FEMA—from 1982 to the spring of 1984—was highly classified, and some would say bizarre. During that period, the *Miami Herald* reported, he was involved in helping to draft a sweeping contingency plan to impose martial law in the event of a nuclear war, or less serious national crises such as widespread internal dissent, or opposition to an American military invasion abroad.

"The plan—which also gave FEMA itself broad authority to report directly to the President, appoint military commanders and run state and local governments [Executive Order 11490]—ruffled many administration feathers," continues Bradlee.

"North would also play a role in helping FEMA stage a national emergency simulation exercise [on] April 5-18, 1984... *Rex-84 Bravo*, authorised by President Reagan's signature of National Security Decision Directive 52, was predicated in his

declaration of a state of national emergency concurrent with a mythical invasion (code-named Operation *Night Train*) of an unspecified Central American country, presumably Nicaragua.

"...*Rex-84 Bravo* was designed to test FEMA's readiness to assume authority over Department of Defense personnel, all fifty state National Guard forces and a number of 'State Defense Force' units which were to be created by state legislative enactments. FEMA would 'deputize' all DoD and state National Guard personnel, so as to avoid violating the federal Posse Comitatus Act which forbids using any military forces for domestic law enforcement," writes Bradley.

In the lawsuit, Tyree quotes Colonel Carone's testimony that "FEMA was one of those off-the-shelf creations that was funded through the giant black-operations fund which came about from drug-trafficking operations instituted by the CIA, which Congress has no idea of and no control over" and that "the FEMA Chain of Command, rules and regulations that he had seen, violated the US Constitution and actually established a succession to the Office of the President in the event of an emergency that circumvented the Vice President and the Speaker of the House of Representatives".

According to the lawsuit: "Carone said, 'NSC [National Security Council] used drug trafficking profits to start FEMA without congressional approval...a 1981 NSC Directive written by Frank Carlucci [states]: "Normally a state of martial law will be proclaimed by the President. However, in the absence of such action by the President, a senior military commander may impose martial law in an area of his command where there had been a complete breakdown in the exercise of government functions by local authorities."'

"Colonel Carone said a literal interpretation of the 1981 NSC Directive was that a local yokel National Guard commander could

institute martial law, and the actions of FEMA, without local citizens ever knowing how FEMA came to be or what FEMA was originally intended to be about, would automatically be triggered without any type of presidential order," it is alleged in the lawsuit.

"Congress doesn't even have the purse strings on this one," Carone said. "It's all from the Black Operations fund which Congress will never force the US Intelligence Community to admit even exists."

Incidentally, according to criminal conspiracy investigator Sherman Skolnick, Representative Henry Hyde of Illinois has been handling this fund for the CIA and has done an "admirable" job in keeping it under wraps, completely removed from public scrutiny.

According to Tyree, Carone also said that unindicted drug conspirator Oliver North's role was admitted in his own diary (p. 91 of the lawsuit):

"You want the diary of Oliver North [said Carone]. Inside that diary is your whole case. It will tell you that he knew of drug trafficking even if he wasn't involved directly, which is what he will claim. I remember one entry from May 12, 1984, to the effect that he knew one of his contacts was trafficking drugs. Another entry from July 20, 1984 basically stated that there was cargo offloaded at the ranch of John Hull. The cargo that was offloaded was cocaine. I recall seeing an entry from August 9, 1985, that a specific aircraft was being used for drug trafficking.

Then there was an entry from either September 9 or 10, 1985, in which Ollie North, through Colonel James Steele, used a Special Operations Unit brought in by Wally Gresheim and Litton. Get his diary."

None dares call it fascism, of course, but due to this explosive lawsuit by a framed American serviceman, Bill Tyree, the origin of FEMA and its illegal funding may finally be known.

II. THE GREAT AMERICAN FRAME

Spooky Parallels: The Tyree & MacDonald Cover-ups

When criminals in government are about to be exposed, a story is concocted which uses some of the facts, mixes it with lies, and obscures the rest. This disinformation is then spread throughout the media and—*voilà!*—a cover-up is born. With Hollywood connections, a TV movie is produced. This new dose of fiction then becomes irrefutable "fact" in public memory.

Just so, there are significant parallels between the murder case of former Green Beret Bill Tyree and Dr Jeffrey MacDonald. Both involve CIA/military drug smuggling crimes and cover-ups. Both men were set up and convicted. Both men have been languishing in prison for 20 years.

The story of emergency physician Dr Jeffrey MacDonald,

framed for the murder of his wife Collette and children Kimberly and Kristen in 1970, remains a tragedy. Author Joe McGinnis wrote a best-selling book, *Fatal Vision*, which was made into a TV movie of the same name in 1984.

The *real* story is the frame-up of an innocent man who had powerful enemies. It's described in great detail by Jerry Allen Potter and Fred Bost in *Fatal Justice: Reinvestigating the MacDonald Murders* (W.W. Norton & Co., 1997).

However, as Errol Morris, director of *The Thin Blue Line*, writes: "If you think you know the Jeffrey MacDonald case from *Fatal Vision*, think again. *Fatal Justice* is the first account of the whole story."

The *Boston Phoenix* called *Fatal Justice* "a devastating rebuttal to *Fatal Vision*".

An investigator in the MacDonald case, former LA FBI Special Agent in Charge Ted Gunderson, obtained a signed confession from Helena Stoeckley, "the girl in the floppy hat", who told him that the group she was involved with "was active in an international drug operation that involved US Army personnel, including Army officers, police officers and at least two local attorneys" in the Fort Bragg area. According to *Time* magazine (January 1, 1973), heroin was being flown into the United States from the Far East in plastic bags hidden in the body cavities of dead GIs.

According to Gunderson, members of this group "...tried to shake down Dr MacDonald because he was abusive to those who overdosed on drugs in the civilian hospital where he was moonlighting... The assailants [of MacDonald's family] were high on drugs and the situation escalated to the murders. Their intentions to shake down Dr MacDonald were not known or approved by the leaders of the drug operation. When it was realized by the leaders that members of their network committed these murders, they were concerned that an investigation of the cult would expose the drug operations—thus the cover-up and 'framing' of Dr MacDonald."

Colonel Carone, who died in 1990, was a CIA paymaster and Mafia-connected money launderer who, incidentally, held the rank of full colonel in Army Intelligence.

Gunderson has written his own summary of the facts in *The Doctor Jeffrey R. MacDonald Investigation* (contact Gunderson International, PO Box 18000-259, Las Vegas, NV 89114, USA). Evidence, such as fingerprints, was intentionally destroyed by Army CID (Criminal Investigation Division). Other evidence, like a bloody syringe, bloody clothing and boots, was lost. More crucial evidence was never collected. Then allegations of FBI Crime Lab corruption surfaced through FBI whistleblower Frederick Whitehurst.

Michael P. Malone, an FBI forensic specialist who testified in the MacDonald case, was exposed by the Inspector-General's report. "Mr Malone has indeed testified falsely and outside his expertise," reported the *Wall Street Journal* of April 16, 1997. "In 1987 and 1988, Florida appellate courts overturned guilty verdicts—citing insufficient evidence—in cases in which Mr Malone had testified for the prosecution," the article continues.

In addition, an internal FBI memo written in 1989 alleged that Mr Malone had given 27 instances of false or misleading testimony in the 1985 proceedings that led to the impeachment and ouster of former US District Judge Alcee L. Hastings.

Was it just sloppy work or outright fraud? The evidence shows that FBI Crime Lab work cannot be trusted. In MacDonald's case, Malone's testimony alone should have been grounds for a mistrial.

In *Psychic Dictatorship in the USA* (Feral House, 1995), author Alex Constantine also weighs in on the MacDonald case. "*Fatal Vision* is a political hit piece," he writes. "The paperback indictment of MacDonald has reinforced the public perception of MacDonald's guilt, and kept dormant one of the most unconscionable scandals in American military history.

"Three suspects in the murders have confessed. MacDonald's version of events has been confirmed by some 40 witnesses... *Fatal Vision* is myopic in its exclusion of any evidence that might clear MacDonald. McGinniss's claim to impartiality eroded completely in his flat refusal in 1980 to even look at the 1200-page report compiled by MacDonald's defense attorneys. The report, taken together with the sworn depositions of witnesses, press accounts and interviews with investigators, combines in a case sharply at odds with the government's.

"MacDonald passed a polygraph," writes Constantine. "He submitted to five independent forensic examinations. The government's own lab specimens link Fort Bragg's body-bag [drug-smuggling] ring to the crime scene, including a long, synthetic blonde strand corroborating MacDonald's contention that Stoeckley wore a blonde wig the night of the murders. A bloody syringe found in his home was 'lost' by the prosecution."

The case of William Tyree is just as complex, convoluted and byzantine. Tyree was in the Army Special Forces and also convicted of his wife's murder. An Arts & Entertainment channel documentary, *Murder at Fort Devens*, revealed evidence that he

was also framed to conceal CIA/military drug trafficking. Tyree says that, as early as 1975, drugs were flown into Panama and were subsequently shipped to Mena, Arkansas—a state described as the CIA's own "banana republic" inside the United States.

According to Rodney Stich, author of *Defrauding America*, the CIA utilised the Army Intelligence Agency in Operation *Watchtower* which began in the mid-1970s. US Colonel A. J. Baker was ordered to oversee part of *Watchtower*, and turned the operation over to Colonel Edward P. Cutolo who also commanded the 10th Special Forces based at Fort Devens, Massachusetts.

"...Cutolo, who had been ordered by the CIA to supervise Operation *Watchtower*, grew increasingly concerned about its flagrant illegality, and conducted an investigation in an attempt to bring it to a halt," writes Stich. "Fearing he might be killed because of the investigation, he prepared a fifteen-page, single-spaced affidavit dated March 11, 1980, describing the CIA drug trafficking and other activities... Cutolo was killed, as were several other people working with him to expose the drug trafficking operations..."

"The affidavit described the installation and operation of the radio beacon towers [to guide airplanes bringing in drugs] and several of the drug flights in which he participated."

Relevant to the Tyree case itself: "The Cutolo affidavit described the killing of an Army servicewoman, Elaine Tyree, who had knowledge of Operation *Watchtower* which she described in her diary. To shift attention from the actual killer and his connection to the ongoing drug operation, the military charged Tyree's husband with the killing," Stich writes.

This affidavit stated: "It was too risky to allow a military court to review the charges against Pvt Tyree..."

"At the first military hearing, the presiding judge found no reason to

bind Pvt Tyree's husband over for trial for the murder of his wife," continues Stich. "This decision risked further investigation and possible exposure of the corrupt operation. Army pressure caused the county prosecutor to indict the husband for murdering his wife, even though the Army knew the actual killer was someone else. The Cutolo affidavit stated:

'On 29 February 1980, Pvt Tyree was convicted of murder and will spend the duration of his life incarcerated. I could not disseminate intelligence gathered under Operation *Orwell* [a surveillance operation directed against US politicians] to notify civilian authorities [of] who actually killed Elaine Tyree.'

Murder at Fort Devens featured Judge James Killam, who initially dismissed the case against Tyree, saying: "I didn't believe a word the prosecution's chief witness said. He had the skills to do a decapitation." The judge was referring to Green Beret Earl Michael Peters, who was present when the murder was committed. Forensic evidence and witness testimony show that Tyree was not present, and that Peters was probably the real killer.

The lawsuit, filed on behalf of Bill Tyree by his attorney, Ray

"...Cutolo, who had been ordered by the CIA to supervise Operation *Watchtower*, grew increasingly concerned about its flagrant illegality, and conducted an investigation in an attempt to bring it to a halt..."

"Cutolo was killed, as were several other people working with him to expose the drug trafficking operations..."

Kohlman, states that the Plaintiff is seeking US\$63 million—\$21 million for each year of incarceration and \$42 million in exemplary damages—and is also seeking an injunction against the CIA from engaging in further illegal activities, as well as a new trial.

Bill Tyree, Dr MacDonald and many others, like former FBI Special Agent Richard Taus, have been falsely arrested, convicted and imprisoned. What's new? Unlike the wrongfully imprisoned and recently released former Black Panther, Geronimo Pratt—who did 27 years for a murder he didn't commit—they are still political prisoners in the American Gulag.

It's called "Doing time for the CIA's crimes". After all, even the spooks make jokes that "CIA" stands for "Criminals in Action".

III. SECRET HISTORY: Dead Men Do Tell Tales

The lawsuit by former Green Beret William Tyree against the CIA *et al.* is a work of art, a masterpiece of legal reasoning and an important historical source document. Why? Because, for the record, it contains first-hand knowledge and revelations by the late US Army Colonel Al Carone of a far-reaching criminal conspiracy, namely, US Government drug smuggling, money laundering, murder and cover-up. Carone's information, corroborated with evidence from other sources, reveals a dark history of the United States that has been neglected by mainstream historians and censored by the Mega-Media Cartel.

First, the lawsuit questions the constitutionality and legality of so-called "Executive Orders". According to the lawsuit, Executive Order #12333, for example, authorised the "privatization of intelligence and covert operations and permitted agencies other than the CIA to conduct 'Special Activities', thus effectively opening the door, previously closed [by the National Security Act of 1947], to the White House National Security Council Staff or even private entities/assets, i.e., third-party cut-outs, to carry out covert operations".

In plain language, this means that the CIA could subcontract or "farm out" its drug smuggling and assassinations to third-party personnel and continue to enjoy its "plausible deniability" status, i.e., denying any knowledge of or involvement with criminal activities.

According to the lawsuit, Tyree claims his false imprisonment was due to the theft of his murdered wife Elaine's diaries—which contain evidence that would have exonerated him in his trial.

"Colonel Carone, either as a CIA asset/entity or as a CIA employee, did receive the diaries of Elaine Tyree in 1979," reads the lawsuit. "Colonel Carone became aware of the information that was listed in the diaries that related to Operation *Watchtower* and the illegal surveillance operation in New England/Massachusetts. Colonel Carone turned the diaries of Elaine Tyree over to the CIA for security reasons, in an effort to conceal the drug operation *Watchtower* and the subsequent surveillance operation that took place in New England/Massachusetts.

"Through Dee and Tom Ferdinand [Carone's daughter and son-in-law], the Plaintiff [Tyree] learned for the first time in August 1995 that Colonel Carone had in fact been in possession of the diaries of Elaine Tyree and had subsequently travelled to Langley, VA, to drop the diaries off at the CIA."

The diaries of Mary Pinchot-Meyer (JFK's mistress and the ex-wife of CIA operative Cord Meyer) also mysteriously disappeared following her (unsolved) murder in 1964. Nina Burleigh's book, *A Very Private Woman* (1998), appears to be a cover-up, or at least a "limited hangout", concerning the life and death of Pinchot-Meyer. Did Mary Pinchot-Meyer, like Elaine Tyree, know too much? More importantly, did they document the Agency's illegal "fun and games"?

All Along The Watchtower: Bill Tyree's Story

According to the lawsuit: "[Tyree] took part in a US Army-CIA Operation *Watchtower* which brought cocaine out of Colombia into the US air base, Albrook Air Station, Panama, where the planes (not US Air Force planes, but planes of other Latin American countries and some unmarked airplanes) landed and offloaded the cocaine while the mission commander Colonel A. J. Baker and Colonel Noriega, among others, looked on."

"...in February and March 1976, a second and third *Watchtower* operation took place under the command of Colonel Edward Cutolo, and more cocaine was brought into Albrook Air Station, Panama. [Tyree], who was also involved in a non-volunteer

capacity as Crew Chief on a US Army helicopter, saw CIA Officer Edwin Wilson, CIA Officer Frank Terpil, CIA Asset/Officer Colonel Albert V. Carone, and Israeli Colonel Michael Harari.

"In late 1976, Colonel George Bayard, US Army, CIA Middle East Expert, contacted US Army Special Forces Colonel Edward Cutolo and James N. Rowe and told them that Operation *Watchtower* was not a sanctioned US congressional operation, and he had found out this information through a Middle East Intelligence contact associated with a bank known as BCCI.

"In 1977, Colonel Bayard went to Atlanta, Georgia, to follow up on a lead, and contacted Colonel Rowe from Atlanta. Colonel Bayard was murdered in Atlanta after he spoke to Colonel Rowe, and that murder remains unsolved..."

"In October 1977, Tyree arrived at the 10th Special Forces Group Airborne, Ft Devens, Massachusetts, and the Group Commander was Colonel John Shalikashvili."

On December 31, 1977, Bill Tyree married Elaine. She was an avid diarist who had been keeping detailed notes on all the illegal activities she was observing. On January 30, 1979, Elaine Tyree was murdered. Judge James Killam III entered a written decision that SP4 Earl Michael Peters killed Elaine Tyree and that "Pvt Aarhus assisted SP4 Peters in killing Elaine Tyree".

In a bizarre string of events: "...on June 6, 1979, in an unprecedented decision from the Single Justice of the SJC [Supreme Judicial Court], not only did the SJC strike down all criminal charges against Peters, but issued the order which forbids any court in Massachusetts from issuing criminal process against anyone in the Elaine Tyree homicide unless authorised to do so by the SJC," according to the lawsuit.

"After Erik Aarhus stood trial for the murder and was convicted and sentenced to life in prison, Tyree himself went on trial and was convicted without testimony of Erik Aarhus on February 29, 1980."

A pretty good frame, if you can get away with it.

In plain language, this means that the CIA could subcontract or "farm out" its drug smuggling and assassinations to third-party personnel and continue to enjoy its "plausible deniability" status...

Elaine Tyree's Diaries: To Die For?

In August–September 1996, former Army CID investigator Bill McCoy introduced Bill Tyree to Dee Carone-Ferdinand, the daughter of Colonel Carone.

According to the lawsuit, after a two-year-long correspondence by phone, a stunning breakthrough occurred in the case when "...Dee Ferdinand at a point notified the Plaintiff [Tyree] that she was the daughter of Colonel Carone, and said: 'My father had the diaries that belonged to your wife Elaine. He went to Langley, Virginia, to drop them off with "the boys". That's what he said. I read some of the diaries, or at least the parts that my father showed me. I saw the photograph in the front of the diaries that was of you and your wife.'"

Unfortunately, in 1997, CW4 William H. McCoy was found dead in his home in Fairfax, Virginia, and was immediately cremated before the medical examiner could determine the cause of death.

According to the lawsuit, McCoy told Tyree: "No matter what happens, if I die and you're not sure what I died from, have my family get an independent medical examiner to check me out. Be sure. Give me your word."

McCoy, after all, was concerned that people just seemed to drop dead after they delved into the CIA cocaine operation at Mena, Arkansas. Among the dead were Stanley Huggins, Kevin Ives, Donald Henry, Keith McCaskell, Greg Collins, Jeff Rhodes and Richard Winters. Or they got "suicided"—like writer Danny Casolaro, attorney Paul Wilcher and NSA Colonel Vince Foster. Etcetera. Etcetera.

"...there were some at the CIA that felt that physical slavery could be replaced by pharmaceutical slavery, and that's why African-American gangs, i.e., 'Bloods' and 'Crips', were singled out for distributing the drugs brought into the United States by the CIA."

Fighting Commies With Drug Profits: Al Carone's Story

"The CIA had predicted a large communist build-up in Latin America in the early 1970s," Carone told Tyree.

"Operation *Watchtower* was initiated to pre-position drugs in Panama/Central America from South America to fund covert actions against the predicted communist threat. The prediction became reality and the flow of cocaine into the United States increased as a result of the prediction. The American people wouldn't sufficiently fund a covert action anywhere, following Vietnam, for the amount of money which was needed. The cocaine couldn't be moved into the United States until an avenue was established that took the CIA out of the picture, because the CIA was already busy fending off allegations of trafficking drugs out of Southeast Asia and Europe, and the CIA couldn't be tied in to the Latin American cocaine at all.

"Once Ronald Reagan became President," Carone continued, "his oldtime friend William Casey, the head of the CIA, was able to convince him to sign Executive Order #12333 into effect, which...took the CIA out of covert operations business..., authorized the use of private assets/entities to be used by the National Security Council to conduct covert operations including the drug [smuggling]... Allowing private assets and entities to do the dirty work meant the CIA could do whatever it wanted to do, in or out of the United States..."

In other words, EO #12333 privatized CIA's drug smuggling, making the Agency even more insulated from discovery of its criminal activities.

"You had NSC staffers that were tied right into the drug trafficking themselves, like Ollie North," Carone said, continuing his history lesson. "Hell, his diary had everything in it. Between his diary and your wife's [Elaine Tyree's] diaries, the whole thing is blown. Totally compromised.

"I remember seeing him [North] write over 200 entries in his diary that related to major drug profits being used to buy weapons for the Contras," continued Carone. "The diary of Ollie North alone would prove what I've told you and show the violation of 50 USC §403 and everything."

North's diary, for example, contained the following entry: "July 5, 1985 – \$14 million to buy arms came from drugs."

Unindicted drug kingpin Oliver North is still free, while William Tyree has served 20 years in prison. Why? Because corrupt officials in the CIA, Department of Defense and Department of Justice continue the cover-up.

Colonel Carone told Tyree that "Operation *Watchtower* provided cocaine that was sold to finance anti-communist operations in Latin America because the US Congress has shut down general funding of anti-communist activities in that area", while heroin trafficking by the CIA in Southeast Asia was used to fight communism there.

Selling drugs to fight communism has to be one of the biggest ironies of the 20th century.

"At the CIA there were a few people in the right positions who blamed the decline of American culture on people of color living in the United States," said Carone. "The blame of the fall of American culture began with the creation of the National Security Memorandum 200, which stated among other things the concern

of overpopulation in the United States. Many at the CIA attributed it to the birthrate among people of color, and there were some at the CIA that felt that physical slavery could be replaced by pharmaceutical slavery, and that's why African-American gangs, i.e., 'Bloods' and 'Crips', were singled out for distributing the drugs brought into the United States by the CIA."

Carone also told Tyree that he had "...delivered money to the Los Angeles-based gangs, i.e., the Bloods and the Crips, which are among the most violent African-American gangs in the United States. He had delivered money to the gangs because they were on the CIA payroll under Executive Order 12333 which allowed for the CIA to hire outside sources to help the CIA perform their jobs. He had delivered money to the gangs because they transported drugs across the United States, i.e., Atlanta, Norfolk, Philadelphia, New York and Boston."

Carone's information dovetails exactly with the in-depth investigations of Gary Webb in his book, *Dark Alliance* (Seven Stories Press, 1998).

Continued in the next issue of NEXUS...

About the Author:

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POISONOUS PRODUCTS, DECEPTIVE LABELS

Most chemicals found in everyday household products are inadequately labelled as to their chemistry and their toxic side-effects on health and the environment.

Part 1 of 2

by Nina Silver, PhD © 1999

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IMMENSE INCREASE IN ILLNESS DUE TO TOXIC CHEMICALS

We live surrounded by caustic waste, and the situation is getting worse. The "Better Living Through Chemistry" slogan was created to acclimatise us to synthetic, poisonous chemicals, but it is debatable whether our living is indeed better. According to the Chemical Abstracts Service (the computerised registry of the American Chemical Society), more than *four million* different chemicals are in our environment, and the number of chemicals increases by *a quarter of a million each year*. Since the 1980s, over *400 billion pounds of toxins per year* have been produced.

Most of the chemicals surrounding us are toxic. We hear the word "toxic" so often that it has lost its meaning. But "toxic" means "poisonous". Anything labelled "Poison" is legally defined as "capable of destroying life".¹ Many different types of poisons surround us daily: pesticides, preservatives, plastics, dyes, solvents and more. Even well-informed consumers don't realise how dangerous chemicals actually are. For instance, we may know enough to avoid pesticides, but how many people are aware that pesticides are in common household soaps? And that products from the health food store labelled "environmentally safe" and "biodegradable" can be lethal to humans? This is the story of how chemicals affect us, how they are mislabelled, what we can do to avoid them, and what we can use instead.

It is only recently that chemicals have occupied such a significant role in our lives. During World War II, thousands of chemicals were synthesised and manufactured for use in combat, many of them intended as ingredients of nerve gas. After the war ended, industry—stuck with a surplus of waste (euphemistically referred to as "product")—had to find peacetime uses for these chemicals. By creating a mass market use for them, industry was able to eliminate the expense and danger of discarding the toxic waste, and at the same time make a profit. Cleaning products, laundry and dishwashing detergents, personal hygiene products, disinfectants, foods and medicines, things we use every day were all "improved" by the addition of poisonous chemicals. Neurotoxins became pesticides, solvents were now food flavouring, and so on.

Our government and industry are unrelenting in their efforts to convince the public that chemicals are both desirable and necessary. One example is the insidious way in which fluoride was introduced into the marketplace—which unfortunately is typical for many chemicals. Touted as a great preventer of dental cavities, fluoride was created as an ingredient essential for manufacturing atomic bombs during World War II. It is also a byproduct of the aluminium and pesticide industries. Farms near the fluoride manufacturing plants suffered from blighted, burned crops and the animals became sick. Dangerously high concentrations of fluoride were measured in the bloodstreams of the workers, who were also plagued by vomiting and diarrhoea when they ate the produce they picked from the farms. Secret tests carried out by the United States Government showed that fluoride was extremely harmful. Among other damage, it caused birth defects and injury to the central nervous system, and it *mottled* and *destroyed* teeth rather than preserved them.

Reporters Joel Griffiths and Chris Bryson write: "Much of the original proof that fluoride is safe for humans in low doses was generated by A-bomb program scientists who had been secretly ordered [by the US Government] to provide 'evidence useful in litigation' against defence contractors for fluoride injury to citizens."²

In *Fluoride, the Aging Factor*,³ biochemist John Yiamouyiannis describes the devastating effects of fluoride on people all over the world. In cities all across the United States,

an increase in fluoride in the drinking water corresponded with increases in deaths from liver cancer, bone cancer and oral squamous cell tumours (another form of cancer). Other symptoms included gastrointestinal disturbances, convulsions, aching bones, bloody vomit and skin rashes.

Yiamouyiannis documents in great detail the research conducted by scientists from the United States, Japan, Venezuela, the former Soviet Union and South Africa (the list is extensive), showing the genetic defects and illnesses from fluoride damage and the efforts of industry and government officials to hide the damning research and keep fluoride on the market. The extensive documentation on this issue has only been recently declassified by the government—and even so, some of the records have portions missing. This is not a conspiracy buff's fantasy; the mainstream press is finally reporting what insiders in the toothpaste industry have known for a long time: that fluoride is a well-established poison.

Regina Miskewitz, director of research and development for oral and personal care at Arm & Hammer products, was recently quoted as saying: "When I receive the fluoride here, it has a skull-and-[cross]bones on it."⁴

By law, all toothpaste containing fluoride must warn the consumer to "seek medical help or contact a poison control centre immediately" if more toothpaste than is "normally" used for brushing is accidentally swallowed. But young children, who tend to like saccharine-flavoured concoctions and may not spit out something that is easy enough to swallow, are particularly vulnerable to being poisoned. John Yiamouyiannis's book covers many instances of children suffering intense symptoms, or even death, after applications of fluoride in the dentist's chair. Yet too few people have heard of this book.

Information like the story of fluoride—which should be the headline of the six o'clock news—is not easy to obtain. What is commonplace and heavily advertised becomes popular fiction, which people eventually accept as the truth.

As long as industry has the legal and financial support of our government to swindle and lie to the public, people will believe that these dangerous chemicals are harmless. They will also continue to suffer poor health from a highly chemicalised environment.

Since 1950, most of the new chemicals that have been introduced into the marketplace have never been tested for long-term or even short-term safety. Many of these caustic materials are byproducts of the petrochemical industry and are known neurotoxins, destroying the brain and nerve cells.

Some chemicals migrate to organs and glands, while others remain trapped in the fatty tissue. The body cannot excrete these toxins because it was never designed to metabolise them. Unable to perform routine life processes smoothly, the body is forced to cannibalise its own nutrients so that it can remain in some sort of balance. Muscle tissue might be broken down for the vital amino acids of which it is comprised, in order to regulate liver function. Or calcium is leached from the bones to make it available for critical metabolic processes. These crisis activities further debilitate the system and increase the person's vulnerability to disease. As more poisons are absorbed, severe sensitivities and chronic, often debilitating diseases develop. The process is so gradual, most

people never realise what made them sick.

The past few decades have seen the emergence of "new" diseases like multiple chemical sensitivity (MCS), appropriately enough also known as environmental illness (EI), which affects 15 per cent of the population. Whether diagnosed with MCS or not, many people react negatively to environmental pollutants and chemicals—perfume, cigarette smoke, car exhaust, fabric softener, cleaning fluids and powders, gasoline.

The list of irritants is endless, as are the symptoms they create: headaches, nausea, fatigue, shortness of breath, coughing, rashes, joint pain, swelling, blurry vision, even emotional instability. In addition, there are as many allergic reactions as there are people to experience them. The term "allergic reactions" (which has become a catch-all phrase to describe negative responses to chemicals), like the word "toxin", has lost much of its meaning. But the seriousness of the reaction becomes clear when you understand what an allergy actually is: the body's response (usually through the production of histamines) to expel foreign proteins (allergens) that are so large that they lodge in the joints and tissues, irritating the cells, disrupting metabolic functioning and creating even more waste materials. That is why allergic responses are so varied and have such far-reaching effects.

As if this weren't enough, chemicals are also directly responsible for increases in birth defects, attention deficit disorder (ADD) and other learning disabilities, emphysema, asthma, digestive disturbances, skin conditions, lack of motor control, cancers and multiple sclerosis (MS). This is just the tip of the iceberg. *All these conditions, and more, have been linked to toxic chemicals.*

The multitude of symptoms that one can develop from toxic chemicals is not surprising if you realise that chemicals have been on Earth only during our

most recent history. Two authors note that if our whole stay on Earth "stretches from Los Angeles to New York City, the chemical revolution occupies only the last 211 feet [64.3 metres]". Or, if humans have been on Earth for the equivalent of one year, we have been immersed in this "drastically altered environment during only the last 7.5 minutes".⁵

The Disappearing Skull and Crossbones

Forty years ago, we didn't have to guess what was or wasn't a poison. Even very young children knew to avoid containers bearing the explicitly clear, scary-looking skull and crossbones. But this dramatic and effective symbol was replaced by warning labels that are required on all poisons by the United States Government Environmental Protection Agency, Office of Pesticides and Toxic Substances. The text on the labels may be informative, but it lacks the dramatic graphic quality of its predecessor, the skull and crossbones—and is certainly less intelligible to young children who can't read. Today, many poisonous cleaners are packaged in flashy containers designed to appeal to consumers—but they also arouse the curiosity of unsupervised children who can easily mistake them for colourful playthings.

We have the chemical manufacturers to thank for the abolition of the skull and crossbones. They lobbied against the symbol because it hurt their sales. Sadly, the only awareness that most people have today of the skull and crossbones is as a symbol on the flag of a pirate ship.

Since 1950, most of the new chemicals that have been introduced into the marketplace have never been tested for long-term or even short-term safety.

What the Small Print Really Means

Many people whose immune systems are still strong, don't understand the danger of chemicals and accuse sensitive people of exaggerating (if not altogether fabricating) their symptoms. However, the fact that there are warning labels on common household detergents indicates the gravity of the situation: "Keep out of the reach of children"; "Avoid contact with eyes"; "Do not inhale"; "Use near open window"; "Harmful if swallowed"; "If swallowed, flush with water"; "If swallowed, do not induce vomiting. See your doctor or call your local poison control centre immediately."

Sometimes a label might read "For external use only"—which sounds relatively innocuous, but think about it. Why can't we ingest it, unless it's because the substance is poisonous? Clinical ecologist Alfred Zamm suggests a good rule to follow: "If you can't eat it, don't breathe it."⁶ We would not need any of these warnings if the chemicals were harmless. Yet even so, as we shall see, these labels do not reliably indicate the extent of the danger that we are actually in.

There are many ways in which we ingest lethal chemicals. The skin (which is the largest organ in the body) is highly permeable. That we can smell something indicates the physical presence of its molecules in the air, which are then transmitted to the bloodstream via the respiratory tract. And in case you assume that "Do not swallow" pertains to your child but not you (after all, why would an adult drink a bottle of dish detergent?), understand that legal meanings of words are often different from what they mean in everyday usage. *Legally, "swallowed" means "inhaled or absorbed through the skin".*

- Cleaning with vaporous cleansers in an enclosed area such as oven, bathtub or shower, even with ventilation, means *breathing the fumes*.
- Holding a cleaning rag, sponge or mop soaked with a cleaner or polish means *absorbing the chemicals through the skin*.
- Eating from dishes washed in detergents whose residue then migrates to your food, means *eating the chemicals*.
- Washing with laundry detergents that remain in the fibres of your clothing is, again, *absorbing the chemicals through the skin*.

There are two categories of products that are legally considered dangerous: (1) hazardous products, and (2) pesticides. Hazardous products—which may be toxic, corrosive, irritant, flammable or radioactive—are regulated in the United States by the Federal Hazardous Substances Act. Pesticides, which kill pests, are regulated by the Federal Insecticide, Fungicide and Rodenticide Act.

What is legally considered a pesticide may surprise you. Pesticides consist of (logically enough) weedkillers, insect

repellents, flea and cockroach sprays, rat poisons, and some swimming-pool (anti-fungus, anti-algae) chemicals. *But pesticides also include other items that are identified as germicidal, anti-bacterial, anti-microbial or disinfectant. The majority of kitchen, laundry and bath disinfectants and sanitisers, and products that kill mould and mildew, are legally classified as "pesticides" because they contain pesticides.* These and other pesticide-laden products are so harmful, they are required by law to say "Keep out of reach of children" on the front label. It is alarming to realise that the same chemicals designed to kill rodents or fleas may be in laundry detergents, hand soaps and dish soaps classified as "anti-bacterial". When we use these products, the pesticides seep in through our skin.

In legal parlance, an "adult" is a 180-pound male, so what adversely affects an "adult" will have an even worse effect on a woman, and especially a child. A large man with a strong constitution will be less vulnerable than a petite woman whose exposure to chemicals has already debilitated her immune function (perhaps to the point where she now suffers from fully fledged environmental illness).

The following charts (below and overleaf), assembled from government and industry sources, reveal the truth behind labels on

That we can smell something indicates the physical presence of its molecules in the air, which are then transmitted to the bloodstream via the respiratory tract.

poisonous chemicals. Don't forget that toxic = poison = "fatal". This makes the phrases "highly toxic", "moderately toxic" and "slightly toxic" meaningless. It is a matter of *how much* of the poisons will kill you and *in what manner*, rather than *if* they will. Designating a mixture "slightly toxic" is like saying that someone is "a little pregnant". However, I have included these phrases because some research laboratories and offices use them as standards.

Ultimately, everyone dies—perhaps even at a fairly old age, even if

pesticide-ridden detergents have been kept at the kitchen sink. But we must ask: Would people be suffering from so many chronic, debilitating illnesses—in other words, *prematurely dying from a stressed and slowly malfunctioning immune system*—if we lived in a poison-free environment?

What we consider "healthy" may only mean that: (1) the person's symptoms have not manifested yet; (2) the person might be manifesting slight symptoms (like a chronic sinus drip or feelings of being a little "under the weather") that are not yet traceable to a "real" illness or anything to worry about; or (3) the person's obvious distress has not yet been associated with the deadly chemicals in our environment. It is not possible for an isolated part of the body to be sick while other parts remain in so-called perfect health. And different people manifest symptoms differently, sometimes in apparently unrelated areas of the body.

<u>If the label says:</u>	<u>It is considered:</u>	<u>With the following result:</u>
POISON	"Highly" Toxic	A few drops to one teaspoon will kill an adult.
DANGER	"Highly" Toxic	A few drops to one teaspoon will kill an adult.
WARNING	"Moderately" Toxic	One teaspoon to one ounce will kill an adult.
CAUTION	"Slightly" Toxic	Over one ounce will kill an adult.

If a product is labelled:	Ingestion by mouth, nose or skin is:	And effects on the body are:
POISON or DANGER	Fatal if swallowed. Do not breathe vapour in either spray mist or dust form. Do not get in eyes, on skin or clothes. Wear goggles, face shield and rubber gloves when handling. (First aid procedure required on label.)	Corrosive. Causes eye and skin damage, and/or skin irritation. In case of contact with skin or eyes, immediately flush with plenty of water.
WARNING	Fatal if swallowed (only it will require a greater amount, and a longer period of time, than the above). Do not breathe vapour in either spray mist or dust form. Do not get in eyes, on skin or clothes. Wear goggles and rubber gloves. (First-aid procedure required on label.)	Detrimental. Causes eye and skin irritation. In case of contact with skin or eyes, immediately flush with plenty of water.
CAUTION	Fatal if swallowed (only it will require an even greater amount, as well as a longer period of time, than the above). Do not get in eyes, on skin or clothes. Wear goggles and rubber gloves. (First aid procedure required on label.)	Detrimental. Causes eye and skin irritation. In case of contact with skin or eyes, immediately flush with plenty of water.

What about Products from the Health Food Store?

In case some people assume (as I once did) that detergents from a health food store are healthier or safer, be assured that this is not the case. The following words and phrases might mean something to us in everyday usage, but they have *no legal meaning*: "natural"; "ecologically safe"; "environmentally friendly". "Biodegradable" is a legal term, but it simply means that the chemicals in the product will return to the earth in 99 years.

Chemicals may be safe for the environment, which can absorb, assimilate, and transform them. But those same chemicals are still unsafe for humans, who cannot adapt to them or convert them. *In other words, we can still be poisoned by "natural" and "organic" cleansers that are "ecologically safe" and "environmentally friendly". These words are advertising ploys.*

Deception in our Consumer-Unfriendly Labelling Laws

Despite what most Americans have been led to believe, an alarming majority of chemicals and additives are either inadequately tested or else not tested at all. Our labelling laws are full of loopholes, and the even minimal protection to which consumers are legally entitled is seldom enforced. In addition to the issues already discussed, there are other serious problems with labelling laws, many of which often contradict each other.

1. The various government and non-government agencies in the United States responsible for regulating chemicals have neglected protecting the consumer in favour of industrial profits. For instance:

- Manufacturers are required by the federal government to disclose whether or not their product is *acutely* poisonous (as opposed to poisonous over a longer period of time), irritating, caustic or flammable; but they are not required to reveal if their products are carcinogenic, contain neurotoxins or harm the reproductive organs.

- The Environmental Protection Agency (EPA), instead of properly labelling and phasing out carcinogenic and neurotoxic chemicals, allows "acceptable" levels of pesticides on foods, justifying it as a "negligible risk". However, as David Steinman and Samuel

Epstein, authors of *The Safe Shopper's Bible*, write: "...based on the EPA's own estimates, residues of sixty carcinogenic [allowable] pesticides on thirty foods that may be eaten in just one day would result in about sixty-four thousand excess cancers a year, more than 10 per cent of all current cancer deaths."⁷ These estimates do not include cancer from (permissibly) undisclosed pesticides, allowable dyes, "acceptable" levels of hormones in meats, (again, allowable) radiation in food, water and air, and the interactions of any of those chemicals.

The EPA, in implementing its current policy, is breaking the Delaney Amendment law. Appended by Congressman James Delaney to a 1958 law requested by the Food and Drug Administration (FDA), the amendment stated that "no additive may be permitted in any amount if the tests show that it produces cancer when fed to man [*sic*] or animals or by other appropriate tests".⁸ Food and chemical manufacturers are required to test additives for cancer *before* putting products on the market and to submit the results to the FDA—yet the FDA currently claims that the law is unenforceable. The food industry, chemical manufacturers, the Nutrition Council of the American Medical Association and even some FDA commissioners have tried to get the Delaney Amendment repealed ever since it was written into law.

- The Consumer Product Safety Commission (CPSC)—reported by Steinman and Epstein as an "independent" regulatory agency, created in 1972, with jurisdiction of over more than 15,000 products—claims that because consumer exposure to carcinogens is minimal, health hazards are likewise minimal. However, as I explained earlier, saying that a poison is only a *little* toxic is like saying that a woman is only a *little* pregnant. As Steinman and Epstein corroborate: "The overwhelming consensus in the independent scientific community is that *no safe exposure threshold to a carcinogen exists* [emphasis added]."⁹

- The FDA, probably the most well-known regulatory agency, commands more prestige than it does consumer protection. Although many ingredients approved by the FDA have been shown to cause major health problems for a significant number of consumers, these ingredients are nonetheless permitted in

detergents, cosmetics, medications and food via some complicated and indefensible legal sanctions. To give only one example, the National Institute of Occupational Safety and Health found that 884 chemicals used in cosmetics are reported as toxic. However, a document from the General Accounting Office "notes that the FDA has committed no resources for assessing the safety problems of those chemicals that have been found to cause genetic damage, biological mutations, and cancer".¹⁰

The inclusion of a particular chemical or additive on the United States Government's GRAS (Generally Recognized As Safe) list does not guarantee that the chemical is safe or has even been tested. Incredibly, ingredients can appear on this list if the FDA *thinks* they are safe or *assumes* they are safe. Even if the FDA demonstrated active interest in ensuring the safety of new chemicals, the number of items submitted for approval is so staggeringly high that the staff cannot handle all the applications of manufacturers who want their chemicals approved. Ruth Winter, author of *A Consumer's Dictionary of Food Additives*, cites many cases where the FDA's toxicology reports are either not current or non-existent. Significantly, many chemicals accepted by the FDA for use in the United States are banned in Europe.

• There is no system of checks and balances to ensure the impartiality of the FDA staff responsible for approving or opposing a substance. The work history and affiliations of a number of FDA employees is questionable. Only one example is Margaret Miller, who worked on bovine growth hormone for Monsanto (the manufacturer of drugs, pesticides and artificial sweeteners) before getting a job with the FDA—where she then was put in charge of approving her own research. Monsanto lawyer Michael Taylor was also hired by the FDA. Says Betty Martini, founder of Mission Possible: "The FDA is Monsanto's Washington branch office."¹¹

2. Much of the testing for safety, on which the FDA bases its acceptance or rejection of a product, is conducted by the manufacturers.

3. Labelling rules are different for foods, cosmetics, household items and medicines. Depending on the regulation and the product's classification, not all ingredients have to be listed on a label. The cosmetic and personal care product industry is required to disclose ingredients, but this information has limited value, since testing for safety is voluntary—and the industry itself has the power to define "safety" and decide how its tests will be conducted. Often, the products that contain the least amount of information about their ingredients are the most noxious. The worst offenders are fabric softeners. Apparently, from what the labels fail to disclose, manufacturers are permitted to regard "fabric softener" as a generic chemical. Detergents rank close behind, along with spray starch and furniture polish.

4. Some labels are so unspecific that they are meaningless. For example, the vague term "fragrance" is allowed on a label. However, a fragrance can consist of 200 separate ingredients (including solvents and plastics), any one of which can cause negative reactions.

5. Usually, the effects of a combination of chemicals is exponentially more lethal than the effects of uncombined chemicals. Unfortunately, most products are comprised of many chemicals,

rather than *just* one or two. Our labelling and safety laws make no provisions to protect consumers from the effects of two or more chemicals in the same product.

6. Listing the source of an ingredient as "natural", "organic", "food grade" or from an edible source (such as coconut or orange) does not guarantee that the ingredient will remain pure or even safe by the time it has been fully processed. The company is not required to state what kinds of processing the ingredient has gone through in order to yield the final component—such as whether or not solvents were used to extract the material and, if so, what steps (if any) were then taken to remove the solvents (and what) from the final mix. Take the commonplace detergent, sodium laurel sulphate, which causes eye irritation, allergic reactions, hair damage and drying of the skin. Some manufacturers, especially of products geared towards the health food market, try to circumvent consumer concern by listing this highly processed, synthetic detergent as "a mild, naturally foaming agent from coconuts".

7. Many products emphasise the positive aspects of one ingredient in order to detract from the product's overall defects. For

Usually, the effects of a combination of chemicals is exponentially more lethal than the effects of uncombined chemicals.

instance, the inclusion of safe and beneficial, organically grown herbs does not guarantee that the rest of the ingredients in the product are safe. Take Clairol Herbal Essence Shampoo, whose label states, "Herbs grown under certified organic conditions—no petrochemicals or pesticides". This same shampoo contains solvents (made from petrochemicals) and detergents (which contain pesticides), as well as synthetic fragrances, preservatives and dyes.

Other products claim merit according to what is *omitted* from the formula, but the strategy is the same. The

label from NutriBiotic Bubble Bath reads, "Contains no sodium lauryl sulphate". The product does, however, contain sodium laureth sulphate—which, despite its limited reputation as milder than sodium lauryl sulphate, contains a toxic ether and is likely to be contaminated with carcinogenic compounds as well.

8. Sometimes claims are made for products that, while not false *per se*, are deceptive because they eclipse other, more important information. For instance, a number of skin care product labels read, "This product is packaged in a biodegradable container". Still others make a point of proclaiming, "No animal testing" or "Cruelty-free". While this is laudable, for the last 15 or 20 years there has not been any *need* for animal testing because most of the gruesome tests on commonly used ingredients have already been conducted. Since for cosmetics there is no legal requirement for testing anyway, a company's statement of "No animal testing" is likely a shrewd public relations tactic. Similarly, many cleansers report that the product is "biodegradable" or "will not harm septic tanks"—again, laudable, but this obscures the fact that the product is harmful to human beings.

9. Many ingredients can sound relatively innocuous until you do a little research. Take "non-ionic and anionic surfactants" which are in New Formula Mr Clean and Ivory Snow. Surfactants are none other than poisonous detergents. A more insidiously disguised ingredient is "quality control agents", contained in Comet Homecare Bathroom Cleaner among other products. The bathroom cleaner's label reads, "Cleaning agents, quality control agents, perfume, and water".

When I called a representative at Proctor & Gamble (the manufacturer) to find out what exactly these "quality control agents" are, the woman told me that to protect its research and profits the company had classified that information as proprietary. However, she indicated that she was allowed to disclose ingredients if I asked her directly, "Does this product contain such-and-such?" Companies are obliged to comply with this procedure in case people have allergies. I was saved the trouble of reciting specific poisons from my list, one by one, when she volunteered that the "quality control agents" prevent freezing and ensure homogenisation and consistency of the product—a function typical of a solvent. Thus I was able immediately to focus on my list of solvents, and by reading them individually quickly determined that Comet Homecare Bathroom Cleaner contains a powerful alcohol solvent, dipropylene glycol butyl ether.

Incidentally, a recorded voice told me before my phone conversation that my call would be taped. I was not given a choice about this. In exchange for a consultation with a company member (which should be my legal right, since the company is dispensing poisons), I was forced to endure this invasion of my privacy.

10. Those labels that do list ingredients are inconsistent. For instance, sometimes ingredients are listed according to their chemical name (such as disodium EDTA); other times, by their function (e.g., a preservative). Also, confusion can arise because some toxins are used for more than one function. For example, butyl stearate is both an anti-foaming agent and a synthetic flavouring. Pyridinem, which was once used as a medication for asthma, is now utilised both as a solvent and as an additive for chocolate flavourings in candy and other foods.

11. Some of the ingredients listed are known by more than one name, and may not be recognisable from one product to another. One example is methylcellulose, which is also known as cellulose and methyl ether. Extremely poisonous, it is extracted by treating wood pulp or chemical cotton with alcohol. It is related to carboxymethylcellulose. Unless you have a solid background in chemistry, it is difficult to decipher what exactly is in the products, even with the help of several good reference guides. Moreover, the constant creation of new chemicals renders even good chemical dictionaries obsolete. (Note that I am referring only to the chemicals that are listed; many are not.)

12. Some labels disclose the ingredients not in the ingredients section, but on other parts of the label—which means that sometimes the consumer must read the entire label to find out the contents of the product. For instance, one discovers that Comet Homecare Bathroom Cleaner contains a dangerous alcohol solvent only when reading the First Aid portion: "In case of eye contact, flush thoroughly with water. If irritation persists, call a physician. If swallowed, drink a glass of water and call a physician (product contains an alcohol, ethoxylate)." (We're now back to the discussion that the same poison can have many names.)

13. Sometimes a product does not have its ingredients listed because it is improperly classified. For instance, because denture adhesive creams are not legally considered foods or cosmetics, the manufacturers are not required to list the ingredients on the

labels—despite the fact that it is impossible not to inhale or swallow some of the product, since it is used in the mouth!

14. Some products containing a wide range of additives—detergents, dyes, preservatives, fragrances, pesticides and solvents—are specifically intended for children. A child's immune function is not developed enough to handle even somewhat adequately the onslaught of so many poisons. Yet Johnson's baby products are touted on the labels as "hypo-allergenic" and "tear-free". (See item 15 for information on what "hypoallergenic" really means.)

15. Labels often contain confusing legal terms that obscure the truth instead of inform. For example, "hypoallergenic" does not mean "not allergy-producing". It means "less likely to cause an allergic reaction, but it still might". Similarly, the label on Earth Rite Dishwashing Liquid states, "Non-Toxic to Children". But the legal definition of "non-toxic" means "allowably toxic"—which is almost the opposite of its everyday, commonsense usage. The truth is revealed elsewhere on the label, which reads: "Caution: Please keep all cleaning products out of the reach of children. If swallowed, drink a glass of water and call a physician." (The reason for the "Caution" is that this product contains harmful alcohol and detergent.)

16. Manufacturers often combine legal meanings with common meanings on the same label. For example, a label might read "Caution", which has a specific legal meaning. But that same label can say "Natural" (a ploy to detract from the "Caution"), which is not legally defined and therefore has no meaning other than what the consumer thinks it means. Thus even a careful shopper has difficulty deciphering what exactly s/he is buying.

17. Companies have ways of bypassing "allowable limits" of a particular poison. For example, the FDA's limit for highly carcinogenic aflatoxins in nuts is 15 parts per million. There is nothing to

prevent a company from adding uncontaminated nuts to a batch that has an unacceptably high contamination level—thus creating a new batch of nuts that can now be sold because the total average level of contamination has been made "allowable".

18. In an ironic twist, some of the labelling laws are potentially damaging to the consumer because they require *too much* of the *wrong kind* of information on the label. Some items now require the chemical name of an ingredient rather than the common name with which the consumer is more familiar. An example of this is the magnesium aluminum silicate listed on Weleda's Iris Hand & Body Lotion. Although the term is followed by the explanatory phrase "(a purified clay)", I initially had doubts, because not all clay is composed of materials that I would want to put on my skin—and by what process is the substance "purified"? A company representative advised me that magnesium aluminum silicate is another word for "bentonite", a clean, edible clay that is widely and effectively used for colon cleansing. Had I known this, I would not have been concerned. The Cosmetic, Toiletries and Fragrance Association (CTFA) is responsible for setting the standards for this unnecessarily detailed labelling, and the FDA follows the guidelines set by the CTFA when it monitors cosmetics.

19. There is a lot of information that the FDA outright *refuses to permit* on packaging, even though the information would greatly

In an ironic twist, some of the labelling laws are potentially damaging to the consumer because they require too much of the wrong kind of information on the label.

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TRANSMUTATIONS OF NUCLEAR WASTE

by Robert A. Nelson © 1999, 2000

Soon after Pons and Fleischmann announced the discovery of Cold Fusion (CF) in 1989, researchers began to announce the anomalous production of elements, beginning with helium and tritium and continuing into the heavy atoms. By 1995, about 120 papers had reported the CF production of tritium in experiments with palladium.

In the early 1990s, physicist Ken Shoulders received five patents for his discovery of the High Density Charge Cluster (HDCC), "a relatively discrete, self-contained, negatively charged, high-density state of matter...[a bundle of electrons that] appears to be produced by the application of a high electrical field between a cathode and an anode" (i.e., 2–10 kV at the tip of a sharply pointed electrode). It can also be described as "a spherical monopole oscillator". Shoulders has given it the name "Electrum Validum" (EV), meaning "strong electron", from the Greek *elektron* (electronic charge) and the Latin *valere* (to be strong, having power to unite). EVs have been credited with accomplishing CF transmutations.

Ken Shoulders also invented a method of Plasma-Injected Transmutation for the remediation of nuclear waste by EVs, and has demonstrated the complete elimination of radioactivity in high-level nuclear material.^{1,4}

EVs apparently function as a collective accelerator with sufficient energy to inject a large group of nuclei into a target and promote nuclear cluster reactions. The composition of EVs allows for the inclusion of some 10^5 nuclides. Ions can be added to EVs until the net charge becomes positive. Such EVs are called Nuclide-EVs (NEVs). According to Shoulders:

"The NEV acts as an ultra-massive, negative ion with high charge-to-mass ratio. This provides the function of a simple nuclear accelerator... Such nuclear reactions are fundamentally an event involving large numbers, and not one of widely iso-

lated events working at an atomic level..."

Shoulders offers an *ad hoc* explanation of these results as being "due largely to a nuclear cluster reaction having an unknown form of coherence".

Other researchers (Rod Neal, Stan

Ken Shoulders...has demonstrated the complete elimination of radioactivity in high-level nuclear material.

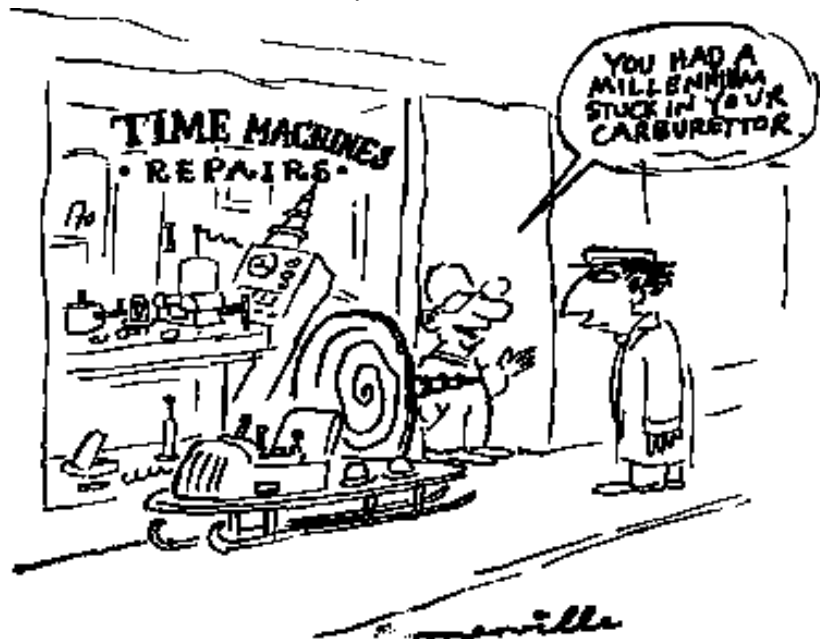
Gleeson, "the Cincinatti Group", William Barker, etc.) also filed for patents on similar applications. The Neal-Gleeson Process has been shown to stabilise naturally radioactive solutions of thorium and uranium compounds up to 70% within a few hours in an electrochemical reactor. Thorium can be fissioned into mercury and

neon. Valve metals (whose oxides emit electrons) can be excited to produce galvano-luminescence in aqueous solution. When the charge gradient exceeds a critical threshold (i.e., one million volts), sparks are produced in the form of charge clusters which are believed to be the active mechanism in this method of transmutation.

In their reports of the experimental results, Neal and Gleeson *et al.* noted:

"Because there is a close agreement between the reduction in thorium and the reduction of radioactivity of the thorium daughter products, it is assumed that the Neal-Gleeson Process has about the same capability to change both thorium nuclei and the nuclei of the daughter products into other elements which are not radioactive..."

"A process which can cause the higher atomic number elements to be split into smaller elements appears to be a desirable method by which certain radioactive elements can be handled. It is highly desirable to be able to select process-control parameters so that only stable daughter nuclei of the parent elements are produced. In this way, the radioactivity of today's highly radioactive slurries can be ameliorated."



NEWSCIENCE NEWSCIENCE NEWSCIENCE

The rapid conversion of radioactive elements to stable daughter elements can be accomplished by several other methods. The first such method was announced in 1979 by Radha Roy. X-rays (generated by a linear accelerator) were used to eject nuclei from the target, resulting in short-lived isotopes. Only 20 years later, the National Laboratory is developing a project for Accelerator Transmutation of Waste.

The Australian inventor Yull Brown developed a novel method of electrolyzing water to produce a compressed stoichiometric mixture of hydrogen and oxygen ions (popularly known as "Brown's Gas") that is burned in an approx. 2:1 ratio. Since the early 1980s, Yull Brown claimed to be able to transmute radioactive material into inert forms by fusing it in the flame produced by his hyfuel. His patents mention that "The invention also relates to *atomic* welding..." (USP #4,014,777 and #4,081,656).

Yull Brown's first successful experiment with ⁶⁰Co (cobalt-60, or Co-60) radionuclides reduced the activity by about 50% in 10 minutes. The process was replicated by the Baotou Nuclear Institute, China, in 1991.

In a demonstration witnessed by [now former] US Congressman Berkley Bedell, the radioactivity of americium was quickly reduced by 2500% with the Brown's Gas torch. The Geiger counter reading registered 16,000 curies/minute before, and less than 100 curies/minute afterwards. Congressman Bedell said:

"It has been my good pleasure to witness experiments done by Dr Yull Brown, in which it appeared to me that he significant-

ly reduced the radioactivity in several nuclear materials. Under the circumstances, I believe it is very important for our federal government to completely investigate Dr Yull Brown's accomplishments in this area."

If the US Government is completely investigating Brown's Gas, it is doing so in

In a demonstration witnessed by [now former] US Congressman Berkley Bedell, the radioactivity of americium was quickly reduced by 2500% with the Brown's Gas torch.

complete secrecy.

In August 1992, Yull Brown made another demonstration before several members of the Department of Energy and the Hon. Dan Haley, at the request of Congressman Bedell. The Geiger counter reading from Co-60 was reduced to 0.04% of the original level.

Another demonstration was conducted for a group of Japanese nuclear scientists, at which time Co-60 was reduced from 24,000 mR/hr to 12,000 mR/hr with one brief treatment.⁵⁻⁷

Paul Brown (Nuclear Solutions, Aurora, Colorado) has developed a novel method to

remediate nuclear waste by photonuclear reaction with gamma rays. The technology utilizes principles of physics—e.g., giant dipole resonance—that have been overlooked in their possible application in treatment of nuclear waste. Brown states:

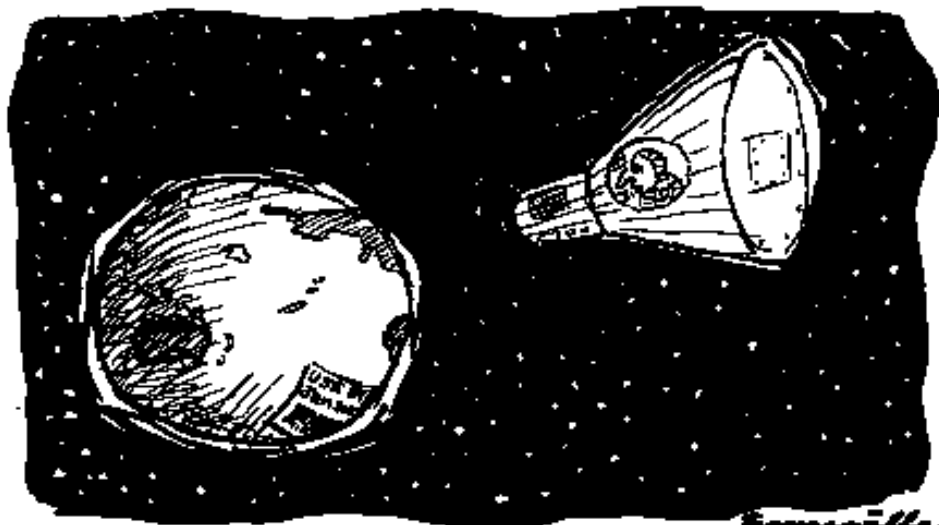
"Photonuclear reactions induced by gamma ray absorption by the nucleus do not suffer the shortcomings of neutron reactions. Simply stated, the process is gamma irradiation with energies greater than the binding energy of the neutron to the nucleus. That is, a gamma photon of an energy equal to or greater than the binding energy which comes close to the nucleus is absorbed through giant dipole resonance resulting in the emission of a neutron. This well-known nuclear reaction has dramatic application to waste remediation..."

"The neutrons produced by the (,) processing may in turn be used for neutron transmutation by the processes... For many fission products, the neutron capture cross-sections in a thermal spectrum can give substantial transmutation rates..."

Brown has proposed another application of giant dipole resonance in a theoretical Photon Reactor which would produce power by burning nuclear waste:

"A linear accelerator, preferably of the monochromatic type, accelerates electrons which are directed onto a high target such as tungsten, to generate gamma rays about 9 MeV, which are directed onto the fuel material such as U-238 which results in the (, f) reaction, thus releasing about 200 MeV. A reactor built according to this principle, requiring an accelerator driven by 1 MeV, will develop about 20 MW of power. The reaction is not self-sustaining and stops when the beam is turned off. This accelerator-driven reactor may be used to burn up spent fuel from fission reactors, if simply operated at 10 MeV. The photo-fission results in typical spent-fuel waste products such as Cs-137 and Sr-90 which undergo photodisintegration by the (, f), resulting in short-lived or stable products. Chemical separation of the spent-fuel isotopes is not necessary..."⁸

Ronald Brightson (Clustron Sciences) has presented theoretical and experimental evidence for the validity of his own Nucleon Cluster Model (NCM), which predicts that a relatively low-energy photon can promote a nuclear reaction under certain specific conditions. Brightson



"Houston, I think there may be a problem..."

analysed the periodicities and systematics of atomic numbers and masses and deduced that all β -stable nuclides are composed of deuterons (NP clusters), tritons (NPN), and He₃ (PNP) nuclei. His patent application includes a method of remediating nuclear waste by the induction of fission in the radioactive isotopes. The imposition of an external magnetic field in resonance with the magnetic moment of a particular nucleon cluster (NP, NPN, PNP) can excite the select cluster (without disturbing other clusters in the target) to burst from the nucleus and perform a transmutation to daughter products of smaller mass and greater stability.

A catalytic process for transmutative remediation of nuclear waste was invented by Jack Keller in 1993.

Roberto Monti (Burns Development Ltd) announced a method of transmutation to neutralise radioactive material at a congress on low-energy transmutation (ICCF-5, Monaco, 1996). He utilised ignition methods such as those developed by Joe Champion. When applied to radioactive materials, the radioactivity was greatly reduced after the ignition.

In their analysis of the "energy gain and nuclear transmutation by low-energy *p*- or *d*-reactions in metal lattices", Heinrich Hora, George Miley and J. Kelly offered hope for the "programmed transmutation of added nuclides, especially long-lived nuclear waste and plutonium":

"One can actively incorporate nuclides into the surface area of the active metals or nearby. These additional nuclides can then be subject to low-energy nuclear transmutation..."

"One application of the mentioned transmutation is the long-lived nuclear waste from nuclear fission reactors... It is an important aim to make plutonium fully extinct by nuclear transmutation into chemically different nuclei... These kinds of nuclear transmutations are indeed possible by using ion beams...of more than 10 MeV per nucleon or spallation processes with up to 10 GeV protons. In view of the very expensive accelerators needed for this purpose, and [because] the ion currents are very small, there is no economic possibility in sight from this method. The invention described in this (Clean Energy Technology) patent [for] the low-energy transmutation by protons provides a low-cost method for converting the long-lived waste nuclides and plutonium into harmless, non-radioactive elements."

Beginning in 1958, Russian geophysicist Dr Georgiy S. Rabzi developed methods of transmutation that combined geo-electric and artificial fields and temperature control to direct transmutation in solids and liquids. For example, a 99.5% Pb was treated at 650°C to yield up to 3% Ag, plus Cd and Ge (15 March 1994). No radioactivity was observed in any of the experiments. At the ICCF-5 meeting, Dr Rabzi claimed that his "natural cold fission" is a safe method with which to stabilise nuclear waste.

Beginning in 1958, Russian geophysicist Dr Georgiy S. Rabzi developed methods of transmutation that combined geo-electric and artificial fields and temperature control to direct transmutation in solids and liquids.

Numerous reports in the literature of physics describe deviations (from 0.1 to 5.0 per cent) from the standard constant decay rates of natural radioactivity, some by extra-nuclear influences (including the human mind).

Physicists Elizabeth Rauscher, Glen Rein and associates have investigated the

interactions of Co-60 with non-Hertzian energies such as the scalar fields generated by the Smith coil (a Caduceus-wound coil, invented by Canadian engineer Wilbur B. Smith in the 1960s). When energised (3 mA/5 W), the non-inductive Smith coil (8.2 ohms) reduced the background radiation by 97% (from 0.5 mR/hr to 0.0015 mR/hr). Yet when applied to Co-60, the radioactivity *increased* from 150 to 250 mR/hr!¹⁰

A few other exotic possibilities may exist for the transmutation of nuclear waste, such as the radionic transmutations demonstrated by the amazing DeLaWarr camera. Tom Bearden and others have recommended the use of scalar interferometry to withdraw energy from the nucleus in a gentle manner or by outright dematerialisation.¹¹

Unfortunately, radioactivity also can be *increased* by simple means. Adolf Gaschler obtained a British patent in 1920 for the enrichment of radium by a treatment with several kilowatts of direct current. Thomas H. Moray developed a method in the 1950s to enrich uranium by high-energy bombardment. Fortunately, these technologies are dormant.

Meanwhile, it is imperative that we develop every possible pathway to the deactivation of nuclear waste and weapons.

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THE INVENTION OF WIRELESS RADIO COMMUNICATION

Contrary to popular thinking, it was not Marconi or even Tesla who invented the wireless transmission of radio waves, but an American dentist, Mahlon Loomis.

by Philip S. Callahan, PhD © 1999

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Harry Callahan, a renowned photographer who won the National Medal of the Arts in 1997, died Monday in Atlanta at eighty-six. Like Ansel Adams and Alfred Stieglitz, Callahan was considered a master of his art, but, unlike them, he wasn't a household name. He was known for his expansive eye, imaginative techniques, passionate work ethic and for being as creative in his 80s as he was in his 30s.

— Gainesville Sun, Florida, USA, March 18, 1999

In World War II, I was an invisible radioman, operating by myself in Ireland. My brother fought in the unknown (invisible) 17th Airborne Division. Harry Callahan is the invisible photographer. In today's journalistic-driven society, many photographers have attained great fame. I am a photographer myself, and in my early days I worked as a freelance photojournalist; however, I do not recall ever seeing a single photo by that renowned photographer.

Callahan, however, comes off better than the invisible inventor of radio communication, Mahlon Loomis. The US Federal Government not only never awarded Loomis a medal, but did in fact 'steal' his invention, assuring that Marconi received all credit for radio systems.

I suppose, in reality, if we go back far enough we could credit Ben Franklin with discovering radio—although he did not know it at the time. Everyone knows all about Ben Franklin's rather dangerous experiment with kite and string. A Russian scientist (whose name I no longer remember) was electrocuted while trying to repeat the experiment. That is an indication that perhaps the experiment was not very smart—a fact no one wishes to attach to Ben's name. A much safer and, indeed, more brilliant kite experiment was performed by the dentist Mahlon Loomis.

Mahlon Loomis was born in Oppenheim, New York, on July 21, 1826, the son of an English immigrant father from Essex. He became a dentist, and early in his career practised in Cleveland, Ohio. *He* is the true father and inventor of radio communications and also of the radio antenna—and *not* Nikola Tesla, whom I so admire, or Marconi, who was an entrepreneur.

Although Tesla did not invent radio, he did invent the *tuned circuit* which *controls* radio. Tesla's invention would be analogous to the Wright brothers, who did not invent gliding but invented the control of gliding with wing flaps and a propeller.

There is no question at all that in 1866 Loomis gave the first demonstration of "telegraphing through the air", i.e., without wire connections. This undeniable fact is recorded in the *Saturday Review* of March 7, 1964 in an article, "The Real Beginning of Radio", by Otis B. Young (pp. 48-50). Also in 1964, *Electronic Illustrated* printed an article by Robert Hayes, titled "Who Really Invented Radio" (pp. 83-85). The decade of the 1960s seems filled with articles about Loomis, but few have been written since.

That deluge of papers was probably due to a drive by Otis B. Young of Southern Illinois University at Carbondale. His elegant discussion of Mahlon Loomis's experiment appeared in the *Transactions of Illinois Academy of Science* (vol. 60, no. 1, pp. 3-8, 1967). It is best to quote Young, who gives the notebook description of Loomis's innovative experiment word for word (my emphasis is in italics):

October 1866 is the centennial month of the first public exhibition of two-way aerial wireless communication of radio. Mahlon Loomis (1826–1886), ingenious dentist of Washington, DC, performed and demonstrated this experiment between

the fifteen-hundred-foot Bear's Den and Catoclin Mountains of the Blue Ridge of Virginia, a distance of about twenty miles. *He thus demonstrated an effect which he described in a notebook dated February 20, 1864. This year should be recognized as the date of his discovery.* In another notebook, he described his October 1866 public demonstration. He wrote:

"Two kites were let up—one from each summit—eighteen or twenty miles apart. These kites has each a piece of fine copper wire gauze, about fifteen inches square, attached to their underside and connected with the wire, six hundred feet in length, which held the kites when they were up. The day was clear and cool in the month of October, with breeze enough to hold the kites firmly at anchor when they were flown. Good connection was made with the ground by laying in a wet place a coil of wire, one end of which was secured to the binding post of a galvanometer. The equipments and apparatus of both stations were exactly alike, the time-piece of both parties having been set exactly alike. It was arranged that at precisely such an hour and minute, the galvanometer at one station should be attached or be in circuit with the grounded and kite wires. At the opposite station, the ground wire being already fast to the galvanometer, three separate and deliberate half-minute connections were made with the kite wire and instruments. *This deflected, or moved, the needle at the other station with the same vigor and precision as if it had been attached to an ordinary battery.*

"After a lapse of five minutes, as previously arranged, the same performance was repeated with the same result

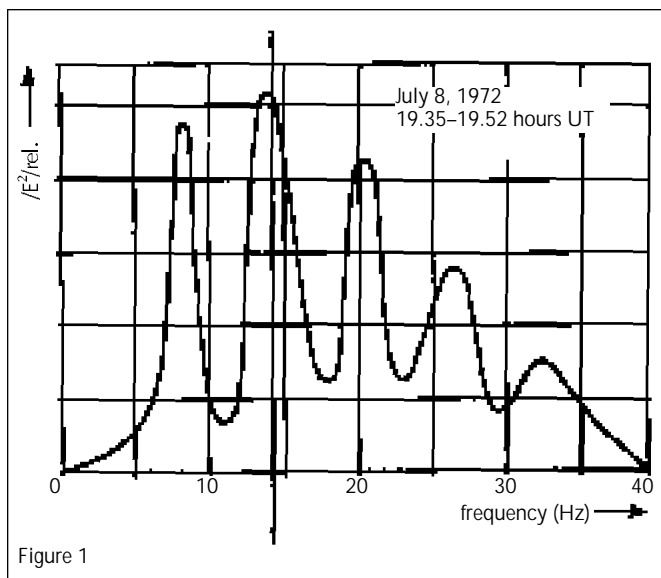


Figure 1

until the third time. Then fifteen minutes precisely were allowed to elapse, during which time the instrument at the first station was put in circuit with both wires while the opposite one was detached from its upper wire, thus reversing the arrangements at each station. At the expiration of fifteen minutes, the message or signals came to the initial station, a perfect duplicate of those sent from it, as by previous arrangement. And although no 'transmitting key' was made use of nor any 'sounder' key to voice the

messages, yet, they were just as precise and distinct as any that ever sped over a wire. *A solemn feeling seemed to be impressed upon those who witnessed the performance, as if some grave mystery hovered there around that simple scene, notwithstanding the results confidently expected.*"

It is of utmost importance to observe that this experiment, as described, was successful: a code system could be used and messages sent. Yet, of the few persons who, during the past one hundred years, reviewed the work of Loomis, a high percentage made the *grave 'scientific' error of concluding that the experiment could not succeed because Loomis did not have the Branley coherer and therefore he had no means of detecting the signals.* This false conclusion weakened seriously the cause of Loomis.

In further defense, various persons have repeated his experiment and found his report accurate. The author has made test

experiments and determined that *the wave form emerging from the kite wire was a rapidly damping pulse which would give a direct-current instrument, a moving needle galvanometer, a ballistic deflection.* A radio frequency component on the pulse would make no difference in the reception, as the two stations were tuned the same.

It is essential to establishing credit for a discovery to examine the work of other persons in the same field. Diligent searches have not revealed anyone who antedated Mahlon Loomis in aerial wireless telegraphy.

To understand exactly how Mahlon's system worked, it is necessary to understand the place of lightning in generating ELF (extremely low frequency) radio waves in the atmosphere.

Young states in his article that "the wave form emerging from the kite wire was a rapidly damping pulse". The pulse was, of course, a surge of current (amps) that caused the needle in the galvanometer (ammeter) to deflect.

Since there was no battery attached to the circuit but only a meter between ground and the kite wire, where did the current come from and how could Loomis detect it without a radio wave detector? The earliest radio wave detector, called a *coherer*, was not invented until a few years later.

As Young points out, Loomis had the usual problem of being an inventive individual with the stuffed-shirt arrogance of some, not all, of hallowed academia. But such pontificators never leave

"It is essential to establishing credit for a discovery to examine the work of other persons in the same field.

"Diligent searches have not revealed anyone who antedated Mahlon Loomis in aerial wireless telegraphy."

their desks; instead, they climb to exalted positions, usurping the work of the innovative. Nikola Tesla, the poor immigrant Serb, knew all about that phenomenon of life's unfairness. No electrical engineering school ever gave Tesla the time of day, and General Electric stole all of his inventions. Sadly, both Tesla and Loomis withdrew from the excitement of day-to-day life.

In 1954, W. O. Schumann and H. L. Konig wrote a paper on the radio frequencies generated by lightning in the atmosphere. Schumann fared better than Loomis, since the low-frequency-radio components of such atmospheric frequencies are called *Schumann waves*.

During the 1950s and 1960s, Konig studied those waves in detail. He discovered that such waves are generated by the 2,000 to 4,000 lightning strikes that occur around the world each day. The ionosphere above the Earth forms the upper layer of a huge, resonant cavity filled with atmosphere. The lightning stimulates the long-wave radio waves which resonate in the Earth-ionosphere spherical cavity. As in any cavity-resonant system, the energy 'focuses' and forms standing waves at certain wavelengths (see figure 1).

The atmospheric spectrum of radio frequency is divided into two regions. The first is the ELF region of extremely low frequencies below 1000 hertz (1 Hz = 1 cycle per second). The second is the VLF (very low frequency) region from 1000 Hz (1 kilohertz) to 50,000 Hz (50 kHz).

The radio broadcast band goes from 500 kHz to 1700 kHz, far above the atmospheric region. Work by Toomey and Polk shows that the main 'foci' of atmospheric standing waves in the United States and most of the world are 8, 14, 21, 27 and 33 Hz (see figure 2). The main standing wave in Florida, as in most of the United States, is 14 Hz.

Professor Toomey, in his excellent review article, writes about the difficulty of measuring the ELF waves:

It is particularly difficult to measure signals with frequencies below 100 Hz, due to interferences of technical origin (for example, the 50 Hz or 60 Hz power current frequencies and the 25 Hz telephone ringing signal), whose intensity is usually far above that of fields of natural origin. They must be suppressed by means of a suitable filtering technique. Furthermore, these low frequencies, both in electric fields (Clayton *et al.*) and in magnetic fields (Konig), present special antennae problems.

At the time of Mahlon Loomis, nothing was known of the lightning-generated ELF standing wave frequencies. The desk professors therefore decided that, since there was no battery, there could be no electrical waves. They apparently had never heard of Ben Franklin's elegant and dangerous experiment.

It is easily understood that the voltage and current from the ELF and VLF waves, that are generated by lightning, furnished the current to both the receiving and transmitting wire kite antennae.

Why did Loomis not need a detector? Young answers that question himself. When Loomis opened and closed his meter circuit, he created a huge surge of current in the form of a rapidly damping pulse. Since both kite wires were connected to the same surrounding atmospheric battery, they responded in time to the opening and closing circuit—thus the first 'Morse code' transmission without connecting wires: RADIO!

Konig discovered that such [Schumann] waves are generated by the 2,000 to 4,000 lightning strikes that occur around the world each day.

What happened to Mahlon Loomis is indeed a sad story. In 1854, he received a patent for kaolin plates for making artificial teeth. Two years later, he married Achsah Ashley of West Springfield, Mass., and some time in 1860 moved to Washington, DC, where he gave his first public demonstration of wireless communication. In 1868, he repeated the experiment before eminent scientists and members of Congress.

In 1869, the Loomis Aerial Telegraph Bill was proposed and \$50,000 in financing was sought. Discussions went on for two years until 1871, when the disaster of the Chicago Fire robbed Loomis of promised financial support.

On July 30, 1872, Patent No. 129917, titled "Improvement in Telegraphing", was issued to Mahlon Loomis. The patent date, 1872, is proof that he did indeed invent radio transmission by antenna.

In 1873, the Capitol Loomis Aerial Telegraph company was chartered by Congress, authorising capital of \$200,000, to be increased to \$2,000,000. President Grant signed the bill. However, Loomis never saw the money; it was probably diverted by political robbers to somebody else's pocket.

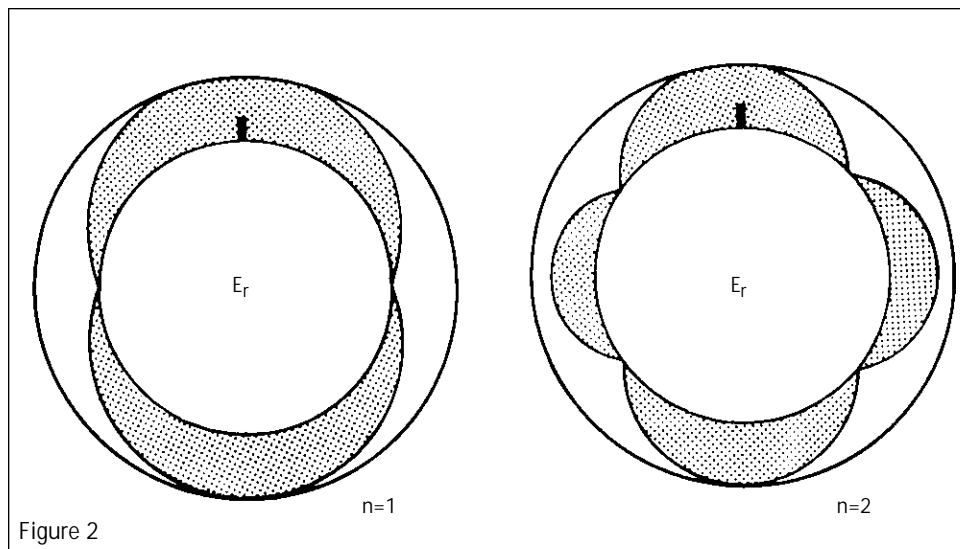


Figure 2

Continued on page 83

MEETINGS WITH REMARKABLE ALIENS

Jim Sparks describes his life-changing encounter with reptoid aliens, whose message for saving planet Earth may veil their true intentions.

by Linda Moulton Howe © 1998

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Extracted from Chapter 3 of
Glimpses of Other Realities - Vol. II

Higher intelligence takes advantage of, and uses, lower intelligence—sort of the way we humans use cattle. And with the privilege of use, comes the responsibility of caring... A farmer tends to his animals by feeding them and taking care of their medical needs. If the pasture became contaminated, the farmer would be the first to protect his investments.

— Jim Sparks, Abductee, 1996
Fort Myers Beach, Florida, USA

In 1995, I met a man named Jim Sparks who says he has had completely conscious encounters with "small, grey, drone worker types; taller true aliens, or supervisors; and tall reptoids with big, human-shaped bodies covered with scaly, reptile skin". Sparks sees himself as an interpreter or translator—or at least an elementary grade student in an alien "school". He says he has been forced to learn English letter and number equivalents to alien symbols.

Jim Sparks permitted me to tape-record hours of our discussions about his experiences. This chapter emerged from those conversations and his efforts to visualise and write down what has happened for his own book manuscript.¹

After eight years "of being close enough to breathe their rotten-egg-smelling skin", Sparks thinks he has some insights into the alien agenda, but admits he has "a thousand more questions than answers". He is frustrated that he cannot prove his contacts with alien beings.

Sparks was born to Italian parents on November 15, 1954. The formal name on his birth certificate is Vincent Sparacino. He grew up in southern Florida, graduated from high school and spent a couple of years in a local college studying real estate. He moved on to Houston, Texas, in 1979, and then to North Carolina where he purchased raw land and divided lots for housing construction—but always felt a strong need to preserve the trees at his developments. Happy, married and thriving, by 1988 at age thirty-four, Sparks suddenly came face to face with other beings from other worlds.

Sparks at first thought he had lost his mind. He says he was kept totally conscious through most of the interactions, including the agony of being "pulled" from his bed at night to a craft.

"I'm usually pulled the same way, which I call the 'hard way', and it's completely physical. My whole body is taken. The first thing I hear is a low-pitched, whirling sound in my head, like a whip going around in the air. This is usually after I go to bed and am asleep. Normally for me, it's 3.30 am in the early morning. I don't know why. I wake up from my natural sleep, and then there's the whirling sensation in the pit of my stomach and it feels like it's coming up into my chest. When it gets up to my heart area, my heart starts beating fast, just racing in my head, and the whirling sound starts picking up rpm and is tremendously loud. It starts low and rises in pitch and screams in your head. The fear is like you're going to die. Your heart is racing a million miles an hour and then you get this acceleration feeling, but I always feel like I'm being pulled down; I never feel like I'm being pulled up. It's like I go down a rollercoaster, only a hundred times faster, and *whoom*—you black out and you're there, wherever it is you're going to be, usually on board a craft."

Sparks told me why he thinks that most of the time he is actually "pulled" physically from bed and literally moved through the walls or ceiling as other abductees have also described.

"It's their technology. I know the aliens rely heavily on a created field. This field pro-

duces several things: the ability to be invisible, the ability to work in one dimension and be partially in another, and the ability to move us poor humans through solid matter.

"How exactly it works, I don't know. But I know it's a field. When the field is in action, you can feel it, you can sense it; you almost feel like you are a magnet or static electricity. It takes a wall as you would normally see it and makes it transparent. You walk right through it. So, it's a field that somehow separates molecules, changes your physiology when you're in it."

I asked Sparks if he has been awake and conscious while actually seeing doors and walls become transparent.

"Only rarely. And it freaked me out. Most of the time I black out before that moment and then I'm on board the craft. I know this all sounds weird as hell, but I'm doing the best I can under very bizarre circumstances not to be scared to death, not to be intimidated, and to figure out what these bastards are up to. And I know that their technology renders different ways of transport, and one is the 'hard way' and I'm there in the *flesh*, not out of body!"

In early 1995, Jim Sparks had an abduction experience that changed him forever, he says, and left him obsessed with saving the rainforests and stopping the human slashing and burning-by-fire that is destroying them. This experience, excerpted here with Jim's permission, is puzzling because yet another alien type is introduced. These reptilian entities also provoke questions about a possible connection to viper references in Enoch of the Dead Sea Scrolls and the Book of Genesis in the Bible.

Jim Sparks's encounter with reptilian humanoids, their warning and possible agenda, follows:

"The pulling started the usual way with a low-pitched, whirling sound—only this time, it didn't speed up as fast or get as loud and it was more gentle. I was paralysed again, but I momentarily regained consciousness before the final transport sequence was



Jim Sparks's depiction of the holographic human face superimposed over the large reptoid's head. Drawing by Josi Galante © 1996 for Jim Sparks.

complete and I could see where I was going. That was a first!

"As my eyes opened, I saw that I was at least a thousand feet above the ground and slowly descending. Below me was an abandoned carnival park. I was floating over a large, old-fashioned wooden rollercoaster and I wasn't scared! I was calm and relaxed, and the ride was so gentle I was actually enjoying it.

"When I was twenty or thirty feet from the ground, I started to slowly rock back and forth several times like a pendulum—almost like I was being guided to a target and this was the final adjustment. Then I saw the profiles of about a dozen large creatures standing in a semi-circle. Although it was night, I could make out the shapes of their body size—and they were large, even by human standards. A few inches from the ground, I blacked out.

"As I began to regain consciousness, I was standing and heard telepathically, loud and clear:

"We would have given it to you, but we knew it wouldn't have meant anything unless you earned it.

It was the only way you could possibly understand what you have been a part of and what you have to do.'

"I now know the 'it' was knowledge. I was clear-headed and wide-awake conscious. There were twelve large, humanoid creatures standing in almost a complete circle in which I was a part. The creatures appeared to be at least six feet tall. All of them had their heads turned towards the alien who was standing to my immediate left.

"The only apparent light source was on the face of this creature, like a *hologram of a human face superimposed and glowing over the alien's face* [Howe's emphasis]. It was radiating light, and this was done to disguise his true appearance. He had done this to make me feel less apprehensive. The creatures didn't take into consideration that as this holographic face spoke and moved its lips, there was no audible sound.

"The voice being communicated telepathically was out of sync with the lips! Plus, the face was obviously a hologram because it was slightly off centre from the body. But it worked, nonetheless, because I wasn't scared.

"As the reptoids transmitted telepathically, I noticed that each alien seemed to be concentrating its thoughts to the creature on my left. One thing for sure: they were of one mind, and it said:

"There are some things you need to understand. Yes, it's true that we have been in contact with your government leaders and heads of power. It is also true that agreements have been made and kept secret from your people. It is also true that, in the past, some of your people have lost their lives or have been badly hurt to protect this secret. Our hands had no part in this.

'We contacted your leaders because your planet is in grave trouble. Your leaders said the vast majority of your population wasn't ready for anything like us yet, so we made time agreements with your leaders as to when your people would be made aware of our presence. This part of the agreement has *not* at all been kept.

'Your leaders said the vast majority of your population wasn't ready for anything like us yet, so we made time agreements with your leaders as to when your people would be made aware of our presence.'

It was also agreed that, in the meantime, steps would be taken to correct the environmental condition of your planet with our advice and technology. We say advice, because we respect the fact that this is your planet, not ours. Your government also broke this agreement.'

"I felt an awful emotion of abandonment from these aliens. They are different. I never sensed true emotion from the other aliens before. But the feeling wasn't at all good. It felt like great loss. I couldn't help asking, 'You aren't giving up on us, are you?'"

"There was a long pause of silence and I had a strong feeling of tremendous loss. So I asked again, 'Well, are you?' There was another long pause.

"Then finally:

'No. We are now concentrating our energy on the average person. Your air and your water are contaminated. Your forests, jungles, trees and plant life are dying. There are several breaks in your food chain. You have an amount of nuclear and biological weapons which include nuclear and biological contamination. Your planet is overpopulated.

Warning: It is almost to the point of being too late unless your people act now. There are better ways of deriving your energy and food needs without causing your planet any damage. Those in power are aware of this and have the capability to put these methods into worldwide use.'

"I asked, 'Why aren't we doing it now?' There was silence, and the whole thing was so strange because I could see that the whole group was thinking and speaking its mind at one time. It felt good because I was a participant in an honest-to-goodness meeting! The best part was that for the first time I was getting direct answers to my questions. 'Why aren't we putting these new methods into use now?'"

'Those in power view it [technology for clean energy and abundant food] as a military and security threat.'

"Then I got angry as hell and said, 'You mean to tell me our people in power have the ability to save and better this planet and they aren't doing it?!' The thought that technology was being held back from the public because of paranoia and greed outraged me, and the aliens saw my anger. But was it true?"

'Amnesty.'

"What do you mean?"

'Complete amnesty. To those in power, the governments and the leaders who have been suppressing the truth. They can't be held liable for any past wrong deeds. It is the only way these leaders can come forward with the truth. It is necessary that you do this in order to work together and survive.'

"There was silence for a while, as if they wanted me to think about what was just said. This was a hard truth to swallow. If anybody had a good reason to hate their government for covering up this information, it was me and others like me. Most abductees still consider themselves victims who constantly suffer ridicule.

When your own government's policy is to say 'You're just plain crazy', it only deepens the pain.

"But this is a time when intelligence should rule over emotions. So I asked, 'How do I fit in all this? What can I possibly do?'"

'What you are doing already. We will share much more knowledge with you in the future. Although you understand a lot, we will show you much more. Continue to work with people that come to you. We are aware of the small groups that are forming around the world. These are people who are prepared to learn and we consider them the core. Most important is the condition of your planet. The first step in solving this serious problem is amnesty. We have advice. You will receive more knowledge in the near future.'

"As this was going on, it started to rain. I mean, it was *pouring!* The creatures didn't even budge or try to get out from under it. They didn't have to: we weren't getting wet. Although we were standing completely outdoors with no roof, not one drop of rain touched us. I guess we were being protected by some sort of electric field. I could hear drops as they fell, but there was a

clear, detectable line [around us] between rainfall and no rainfall. Then they said:

'It's time to go.'

"A thought flashed into my mind. 'Wait, please! I have a request. I want to see what you look like.' I'll never forget their response as long as I live:

'It will strike fear in your heart.'

"I answered, 'It won't scare me so much if you don't stand there and stare at me. It would help if you would just wave at me. Just don't stare. Promise me you'll wave.'

"Now I can't believe how stupid that request was. I had, in the flesh, face to face, probably some of the most intelligent creatures from the far reaches of the galaxy, with answers that have been plaguing mankind since the dawn of time. And what did I say? 'Could you wave at me?'"

"The strangest thing started to take place. A spinning white light with a hint of green began to radiate over their faces and upper bodies, all dozen of them. The intensity of the light slowly got brighter and it was radiating from no direct or detectable source. I could see they were huge. Their upper torso was strong, with huge shoulders and a thick, strong neck like football linebackers. As the light became brighter and details clearer, fear and shock zapped through me.

"I said, 'You have scales!' Their faces looked like a cross between a lizard and a snake—nothing at all like the little grey guys. Their eyes were small like ours, only diamond-shaped, and the pupils were a red colour. Their heads were in normal proportion with their bodies, but bigger than ours. The skull looked like their brains stuck out over their foreheads, covered by skin. This feature was slightly different among all dozen of them.

"I said in a scared whimper, 'You promised to wave.' And each and every one of them slowly lifted their arms and waved in front of their faces. Their hands were huge with thick, club-like fingers, too thick to work fine instruments. But you have to keep in mind that their technology is thought-activated.

"I stood there and stared at them for a while in silence, absorbing this spectacular sight. Their message kept running through

'It was also agreed that...steps would be taken to correct the environmental condition of your planet with our advice and technology..'

'Your government also broke this agreement.'

my mind. I was sure that my country has been involved with aliens. Most Americans believe there's been a cover-up. But what really got to me was the message about the poor condition of our planet! Then I felt the acceleration pull and blacked out.

"I understood better their nature and agenda. They are neither benevolent nor evil. They have been among us in secret for thousands of years, maybe longer. But the length of time isn't as much the issue as why they have been among us. I believe they have been farming us for raw materials.

"We humans have been a self-perpetuating crop, a crop that doesn't need much tending and continues to reproduce, at least up to now and all the Earth problems. Thank goodness they don't kill us; they just *use* us. This system has worked well for the aliens for a long time. But now there's a problem and their investment is in trouble. They have spent a lot of time, travel and effort to farm us. But we are on an almost irreversible path of self-destruction. Nuclear and biological weapons and their waste have polluted the air, land and water. Forests, jungles and trees are being cut down or are dying. Now there are breakdowns in the food chain and the rest of the food chain is contaminated. Over-population, disease and viruses beyond our grasp, with new and more complicated illnesses cropping up every day. These are just a few of the problems we humans have created.

"Most of us are blind or numb to this reality because we can still go to the grocer and buy food. We can go to work and back and not see this death and dying. All seems almost normal. But if we environmentally destroy ourselves, the aliens still have an excellent insurance policy. They've been collecting seeds from plants, animals and humans. Through semen and ova extraction, the aliens can start us, or other Earth life, all over again, here or somewhere else."

Echoing the Jim Sparks experience, the major concern expressed by abductee Anna Hayes in *Voyagers, The Sleeping Abductees*² was competition and conflict among non-human intelligences over Earth life and their employment of the same sophisticated technologies to manipulate, deceive and inspire.

"Just as the original creators of the human prototype desired to see the fulfilment of our species as guardians of the Earth, there also exist forces of great power that do not wish this plan to succeed. If humans are able to fulfil their evolutionary blueprint, the Earth and many other reality fields will no longer be free for exploitation."

Hayes stressed that if humans had truth about their extraterrestrial genetic connection and understood how many outsiders have taken advantage of human ignorance and used sophisticated technologies to manipulate and deceive for their gain, the human family could change and evolve in strength, not weakness.

In conversation, she told me: "Both negative and positive agendas are producing hybrids and androids, and both sides are emphasising the need to save the Earth's environment for their various vested interests. Guardian aliens are promoting healing the planet, but the negative groups are also trying to 'help the planet' by offering new technologies so they can have a clean place to take over. I understand the negative ones have had time agreements with the US Government about introducing their species to humans.

"Lately, I think the negative ones have told the government they will introduce themselves to the public if the government does not. So, the government is supposedly setting the stage to introduce the negative ones, and the negative aliens are planning to help the government 'clear its reputation' by staging false events with holographic inserts. Human minds won't be able to tell what's real and what's not."

Whatever we ultimately learn about the truth in these highly strange cases in which dire warnings are given to humans about the Earth's future, the fact is that, by the fall of 1997, Jim Sparks was still pretty much in the same place he had been after the carnival park meeting. He had no specific instructions about how to carry out his "mission" to save the environment and to move the US Government towards amnesty for all military and intelligence people who had signed oaths of secrecy about UFO-related matters.

However, Sparks had a night-time visitation by one of the little grey "drones". He said he woke up and was conscious of "the little guy" standing at the foot of his bed. Then he got a clear mental picture of Rome burning and then a rainforest burning, along with the strong telepathic communication, "You must put out the fire!"

Jim is confused about the association between Rome burning and the rainforest destruction, but says he wants to do something to save trees:

"Linda, I need to get better known in order to have influence. I want to get to a situation where I can speak publicly so I can talk about the rainforest problems and other issues facing the Earth's environment."

But meanwhile, Jim, every second of every day, the forests are on fire.

"Just as the original creators of the human prototype desired to see the fulfilment of our species as guardians of the Earth, there also exist forces of great power that do not wish this plan to succeed."

— Anna Hayes, in
Voyagers, The Sleeping Abductees

"That's right."

So what is being accomplished? Have you contacted groups that are already trying to save the rainforests and joined up with them?

"No. I have always cared about what happens to the Earth, but I've never got myself involved with any groups. This is something new to me. What am I going to say? I'm being advised by ETs?!"

What details did the reptoids give about air and water damage?

"They didn't give me exact details. They told me that we've got problems with the air and water and food chain. I was told [in March 1995] that we've got about a decade to turn this thing around. Not that the world will end. But there will be problems in reversing all the damage. And the reptoids said someone in political power already has this knowledge and technology and [they] are hoarding it for security and defence reasons. And probably for greed, too.

"Those Black Budget Boys aren't coming forth with the truth because their asses are on the line. They've got all the secret organisations out there who have taken advantage of this knowledge while everything else goes to hell. That's why the amnesty thing makes sense. Then the BBB guys can tell the truth finally about alien contact, getting alien technology, making money from it, and even maiming and killing people to protect that secret. With amnesty, they can come forward with the truth and won't be prosecuted."

Continued on page 84



BILLY MEIER'S ET CONTACTS ARE REAL, SAYS HIS SON

Michael Hesemann, editor of *Magazin 2000* in Germany, recently interviewed Methusalem Meier, son of famed UFO contactee Billy Meier, about the controversy surrounding his family's encounters with extraterrestrials from the Pleiades.

Michael Hesemann: Methusalem, your parents are divorced, and your mother is inflaming public opinion against your father. What persuaded you to take sides in this "War of the Roses"?

Methusalem Meier: Actually, I am of the opinion that the divorce is purely a personal matter between my parents, and is none of my business and I should not interfere. After all, my relationship with both parents is not affected by the divorce.

But when I read Luc Bürgin's interview with my mother, I was extremely upset and was forced to change my mind in this regard. Once again, my mother is up to her old foul play. She is telling Bürgin things which I can prove are not true. She is lying when she says my father has been cheating people for years and that she has helped him in the process. I can testify to the fact that she, too, had numerous sightings at different times of the day and night.

Hesemann: Cross your heart...what do you think today of your father's UFO contacts, now that you have moved out of your

parents' home? And did you ever have your own doubts?

Meier: My opinion of my father's contacts has never wavered over the years. I am just as convinced now as I ever was that his contacts are real, and this is a logical consequence resulting from my own experiences. After all, even as a small child I already had opportunities to attend sightings, at which my mother and occasionally also my brother and sister were present. These sightings have always stayed in my memory because they were so impressive for us all. I actually never had any doubts, although I have extensively and intensively pondered Papi's contacts—which seems to me only natural. After all, I had to associate everything I experienced and heard with my surroundings, and for this reason I inevitably probed everything I was experiencing and hearing.

Hesemann: Were you ever witness to UFO sightings or any unusual incidents which convinced you that your father was actually having contacts with extraterrestrials?

Meier: In an earlier answer, I mentioned that I had various opportunities to witness sightings, even as a small child. Several of these sightings are still very clear in my mind. They have embedded themselves indelibly in my memory because of the surrounding circumstances. As far as unusual incidents and the like are concerned—from

which one could conclude that my father actually maintained contacts with extraterrestrials—I have plenty.

The earliest experience I can still vaguely remember was a sighting in June 1976, when I was not even three years old. We were with my mother, my brother and sister, Hans Schutzbach and Amata Stetter in a nature reserve in Hinwil [Switzerland]. I can still recall that it was a sunny, warm day and that Hans Schutzbach began running around very excitedly when a large silver disc was departing. He photographed it nervously, but by then it was already quite far away. We watched with great interest for a long time as the disc flew off.

In the summer of 1980, I was present in the Sädelegg when we were given an opportunity to record the whirring sounds of Semjase's beamship. I was standing next to Mami, in view of my father, when the whirring sounds began. They were so loud that even neighbours who lived about four kilometres [2.4 miles] away came to see what was going on. Mami was with her recorder in such an advantageous position to the source of the sounds that she was able to make the best recordings of all.

One year later in early August, together with several others I observed at night a formation of six light-objects on the horizon above the Bühl in the Töss Valley. Based on their unusual flight manoeuvres,

there was no way they could have been regular airplanes. The "show" lasted for more than half an hour and, in addition to my mother, my father, my brother Atlantis and sister Gilgamesha, several other people observed the display, too. The ships performed various formation flights and very unusual flight movements before some of them simply disappeared; we could still watch the others until they blended into the darkness.

Later on, in September 1982 when I was barely nine years old, I was standing next to my father when a small footbridge was being cemented across a drainage ditch at the driveway of the shed. As soon as the work was completed, we left the construction site to bring material for cordoning off the area to protect the freshly cemented footbridge. Silvano, who had gone ahead of us, suddenly came dashing around the corner of the shed and called out to my father, because in the meantime someone had actually stepped into the fresh cement. Papi griped and ran to the construction site where we noticed, only at second glance, that the imprint of the shoe was exceedingly large—namely, more than 42 centimetres [16.5 inches] long.

Hesemann: Have you ever experienced or seen anything that would indicate your father wanted to deceive others?

Meier: No. I have neither experienced anything like this, nor were there indications that he had faked something. It is not his nature to fabricate anything for other people or to cheat them. I am certain that my father is telling the truth in regard to his contacts, and this also coincides with my own experiences.

Hesemann: What do you personally tell those people who accuse your father of being a fraud?

Meier: There is an old saying, "One can learn how to lie from hearsay". This applies to most of those people who call my father a fraud. Very few of them have ever convinced themselves of the situation by going to the actual locations or delving seriously into these matters. And if they have actually done so, they often showed their jealousy because they couldn't handle the fact that another person can experience something that didn't happen to them.

My father withdrew from the public eye over the years, partially because of my mother [Kalliope Meier] but also to give

her a chance at playing top fiddle. By letting her have her way in this manner, he was able to satisfy her urge to be "top dog". In keeping with his character, he certainly didn't mind this at all, because by doing so he could avoid some people fawning over him—since they looked on him as the great master, a guru or something special. However, he finds such idolisation repugnant and extremely unwelcome. For this reason, he continues his life withdrawn from the public.

Hesemann: Thank you, Methusalem.

(Source: Michael Hesemann © 1999, <http://hesemann.m-n-d.com/>, 29 Dec 1999)

"My opinion of my father's [Billy Meier's] contacts has never wavered over the years. I am just as convinced now as I ever was that his contacts are real, and this is a logical consequence resulting from my own experiences."

CHINESE SCIENTISTS TRACK LONG-HAIRED BIGFOOT

Standing 2.5 metres (8 feet) tall, with long, brown-red hair and a taste for corn on the cob, Bigfoot is back and apparently running around a nature reserve in central China, according to a state media report released on Monday 6 December.

Chinese scientists are on the trail of the legendary ape-like beast after a hunter reported seeing a huge, fast-moving creature covered in long, red hair in Hubei province's Shennongjia nature reserve two months ago, the *China Daily* said.

According to the report, the scientists found 40-centimetre (16-inch) footprints, brownish hair and chewed corn-cobs at the spot where the hunter said he saw the beast, and concluded they were not left by a bear.

Scientists have unearthed hundreds of fossilised teeth of giant apes in the area, and some speculate that Bigfoot could be a descendant of such primates.

(Source: Reuters, 6 December 1999, http://abcnews.go.com/wire/World/reuters19991206_283.html)

ADVANCED AEROSPACE DESIGNS INSPIRED BY CRASHED ROSWELL SPACECRAFT!

CNI News thanks William Louis (Bill) McDonald for sharing this information, which he acquired through private conversations with the late John Andrews of the Testor Corporation.

McDonald, a private investigator and forensic composite illustrator who has made detailed reconstructions of the Roswell UFO based on eyewitness testimony, worked closely with Andrews on the design of Testor's Roswell UFO model kit which was released in July 1997 on the 50th anniversary of the Roswell incident.

What began as a business relationship evolved into a deep, personal friendship. In time, Andrews shared information that confirmed elements of McDonald's Roswell investigation. Finally, McDonald says, he prevailed upon Andrews to ask then-ailing Ben Rich, late head of Lockheed's "Skunk Works", to describe the relationship, if any, between possibly recovered UFO materials at Roswell and advances in aircraft design that occurred, starting in the mid-1950s.

McDonald resolved to withhold the answers while Andrews remained alive. Andrews died of cancer in early 1999. McDonald's report follows.

William L. McDonald's Report

Now that legendary Lockheed engineer and chief model kit designer for the Testor Corporation, John Andrews, is dead, I can announce that he personally confirmed the design connection between the Roswell spacecraft and the Lockheed Martin unmanned combat air vehicles (UCAVs), spyplanes, joint strike fighters and space shuttles.

Andrews was a close personal friend of Skunk Works CEO Ben Rich, the hand-picked successor of Skunk Works founder Kelly Johnson, and the man famous for the F-117 *Nighthawk* Stealth fighter, its half-pint prototype the *Have Blue*, and the top-secret F-19 Stealth interceptor. Before Rich died of cancer, Andrews took my questions to him.

Rich confirmed:

1. There are two types of UFOs: the ones *we* build, and ones *they* build. We learned from both crash retrievals and actual "hand-me-downs". The Government

knew, and until 1969 took an active hand in the administration of that information. After a 1969 Nixon "purge", administration was handled by an international board of directors in the private sector.

2. "An item"—as opposed to "the item"—was recovered near the world's only combat-operational atom bomb base (Roswell AAF) in 1947. Hull design, aerodynamic measurements and propulsion info was passed directly to Jack Northrop and Kelly Johnson, beginning in 1950, with a major block of data being passed on from "the Working Group" at Wright Patterson AFB's Foreign Technologies Division in 1952. "The item" refers to the top-secret designation of Kelly's original variant of the U-2 (TR-1) spyplane in congressional and Pentagon budgets in the 1950s.

3. Nearly all "biomorphic" aerospace designs were inspired by the Roswell spacecraft, from Kelly's SR-71 *Blackbird*, onward to today's drones, UCAVs and aerospace craft.

4. The inward-canted vertical stabilizers of the F-19, the *Have Blue*, many drones, some UCAVs and the SR-71 matched the 30-degree inward cant of the Roswell spacecraft's shark-fin-shaped pair of vertical stabilizers or "winglets". The same goes for the wing camber to fuselage "blend" of the airframe designs.

5. The outward cants of the F-22 *Raptor*, the F-117, the McDonnell-Douglas YF-23 and the *Tacit Blue* Stealth concept prototypes perform similar aerodynamic functions for stability in high-performance flight.

6. Rich observed that the impression Kelly Johnson's contacts had [of "them"] was negative, and Kelly implied in rare conversations on the subject that "factions" from "out there" were a threat more than they were a blessing, and that the cost of having "them" around was "unimaginable" and "unbelievable".

7. It was Ben Rich's opinion that the public should *not* be told. He believed they could not handle the truth, ever. Only in the last months of his decline did he begin to feel that the "international corporate board of directors" dealing with the "subject" could represent a bigger problem to citizens' personal freedoms under the United States Constitution than the presence of off-world visitors themselves.

Andrews passed this information on to me in stages, from 1994 until my last phone conversation with him around the Christmas holidays of 1998.

(Source: *CNI News*, vol. 5, no. 11, part 3, 1 August 1999, tel +1 (970) 282 7077, e-mail CNINews1@aol.com)

D-NOTICE IN EFFECT ON UK "BLACK TRIANGLE" REPORTS

A top BBC executive let slip recently that there is a "D-notice" in effect on British media reporting of the so-called "black triangle" aircraft.

[*CNI Editor's note: "D-notices" are applied to matters and subjects considered classified for reasons of national security by Her Majesty's Ministry of Defence.*]

The executive, who cannot be named, is the former producer of a very popular BBC science program. He told one of our team that the black triangle "craft", first witnessed by hundreds in the Hudson Valley region of the United States (mid-1980s), then by thousands in Belgium (1989-90) and by more in Britain, has been "heavily D-noticed" by the government. For this reason, the BBC will not be reporting on the enigmatic craft, no matter how many witness reports it receives.

According to the former science program producer, the reason the government has seen fit to slap a restrictive notice on reporting of the "triangle" is because—so far as the government has secretly informed the BBC—the craft is part of a new, secret, military project and, as such, must be protected under the secrecy laws.

If this is the case, however, it surely begs the question: If the so called "black triangle" is a secret military aircraft, then what is it doing hovering over residential areas and frightening people half to death? Something, somewhere, simply does not add up.

CNI News adds: "As noted by Nick Pope...it is very unlikely that the 'black triangle' aircraft can be explained as a secret military project. Its technical capabilities and flight behaviour suggest it neither belongs to any earthly government nor falls within the envelope of human technology. Perhaps, then, the British media are actually being warned away from reporting on a fairly obvious example of 'alien' craft intruding with impunity into British airspace."

(Source: *Citizens Against UFO Secrecy [CAUS]*, <http://caus.org/pn111599.htm>)

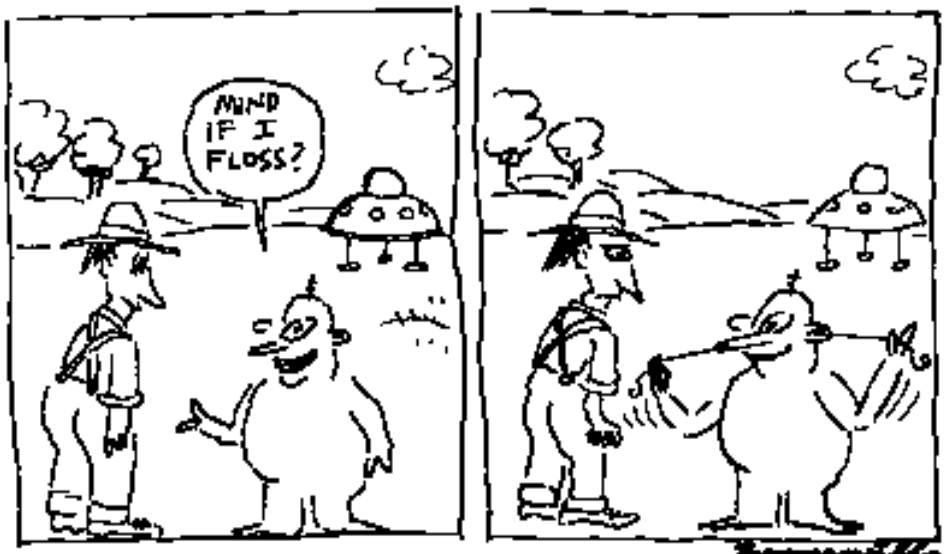
MAD COW SYNDROME?

From around 23 to 27 November, nearly all the cattle in a large swath of inland south-western Queensland, Australia, went into a crazed stampede.

On virtually every cattle property the terrified animals ran to the west, many tearing through barbed wire fences in an obvious effort to escape "something" to their east.

One Chinchilla couple reported that their cattle had run for six kilometres on the mornings of 25 and 26 November.

Whatever it was—and speculation has been rife—the mystery remains unsolved. (Sources: *The Australian*, 2 December 1999; *The Sunday Mail*, 12 December 1999)



THE TWILIGHT ZONE

"END TIMES" PROPHECIES FROM A MUSLIM VISIONARY

For millennium prophecy hunters everywhere, here is a collection of "End Times" prophecies from 7th-century Arabia, which you probably have not come across before. These prophecies do not give actual dates, but neither do they have to be deciphered and extricated from complicated riddles and rhymes; just the simple translation from classical Arabic to English will suffice.

To begin with, prophecies of a technological nature: people will compete with one another in the construction of tall buildings;¹ people will "hop" between the clouds and the earth;² great distances will be covered in short spans of time;³ a man will leave his house, and his thigh or hip will tell him what is happening at home.⁴

Are these latter prophecies of aircraft and mobile phones?

Is the following a description of military aircraft and the never-ending military conflicts of the Middle East?

*Woe to the Arabs because of an evil which has drawn near. Wings! What wings! Long woe in the wings that have a wind in which they move, a wind generated by their movement, and a wind emerging from their sides by their movement.*⁵

As regards war and violence towards the End Times, the predictions are of much killing, anarchy and bloodshed. One prophecy even details the sanctions on Iraq, saying that this country will not receive food or money because of the non-Arabs.⁶

There is a prediction along those lines for Syria, too.⁷ Time will tell. Along with these man-made disasters, an increase in earthquakes,⁸ smog over cities,⁹ acidic rain¹⁰ and climatic changes¹¹ were also foreseen.

Most of the following prophecies concern the human character as well as predictions concerning politics and finance as the so-called End Times approach: a trust will

- people will compete with one another in the construction of tall buildings
- people will "hop" between the clouds and the earth
- great distances will be covered in short spans of time

become a means of making a profit;¹² everyone will consume usury—those who do not, will still be touched by it;¹³ there will be an abundance of critics, tale carriers, backbiters and taunters in society;¹⁴ trustworthiness will be lost;¹⁵ non-religious people will have a say in general affairs;¹⁶ religion will be taken lightly;¹⁷ people will treat a man with respect, out of fear of the evil he might do;¹⁸ leaders will be oppressors;¹⁹ people will believe in the stars and reject Divine Destiny.²⁰

Those prophecies that really seem to

strike a chord with the late 20th century Western society are those that concern the family: family ties will be cut;²¹ a man will obey his wife and disobey his mother, and will treat his friend kindly while shunning his father;²² trade will be so widespread that women will be forced to help their husbands in business;²³ they will enter the workforce out of love for this world;²⁴ having children will displease them, whilst barren women will be pleased at not having that responsibility;²⁵ children will be filled with rage and will be a cause of grief and anger;²⁶ there will be an abundance of illegitimate children;²⁷ adultery and fornication will be prevalent, resulting in previously unknown, incurable diseases;²⁸ people will indulge in homosexuality;²⁹ women, although dressed, will seem naked;³⁰ music and musical instruments will be in every home, and female singers will be very popular.³¹

Can these prophecies and the Prophet who spoke them be taken seriously? The one who spoke them was Muhammad, the central figure of the Islamic faith. One-fifth of the world's population takes him seriously, but could we just say his prophecies are mere coincidences or guesswork, maybe even plagiarised from biblical sources? Or should we admit that here was another man who saw the 20th century and the new millennium in the Western world?

(Source: Contributed by Farah McGee, e-mail hamidah@gto.net.om)

Endnotes

1. From the collection of Ahadith (Sayings) of the Prophet, collected by al-Bukhari; al-Bukhari's *Sahih*, English translation by M. M. Khan, Kazi Publications, Lahore, Pakistan, 1979.
2. Ahadith quoted by Dr E. A. Tori in "Signs Before the Day of Judgement", article at <http://pw1.netcom.com/~eton/judgement.html>.
3. Ahadith related by Abu Musa Ash'ari, quoted by M. Z. Ali in "The Minor Signs of the Last Day", article at www.siliconfusion.com/Islam/Prophecies/qiyaam2.html.
4. Ahadith collected by Ahmad Ibn Hanbal, *Musnad* of Ahmad Ibn Hanbal.
5. Collected by Abdu'r-Razzaq.
6. Sound ahadith collected by Muslim, quoted by al-Bukhari and Ibn Majah.
7. *ibid.*
8. Collected by al-Bukhari.
9. Ahadith quoted by Dr E. A. Tori, *op. cit.*
10. Collected by Tabarani and Al-Hakim, quoted by Dr E. A. Tori, *op. cit.*
11. Related by Abu Musa Ash'ari, quoted by M. Z. Ali, *op. cit.*
12. Collected by al-Bukhari and Tirmidhi, quoted by Ibn Kathir, *Signs before the Day of Judgement*,

- Dar Al Taqwa Ltd, London, 1991, p. 17.
13. Collected by Abu Dawud and Ibn Majah, quoted by M. Izzat and M. Arif, *Al Mahdi and the End of Time*, Dar Al Taqwa, London, 1997, p. 48.
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17. *ibid.*
18. Collected by Tirmidhi, quoted by Izzat and Arif, *op. cit.*, p. 69.
19. Ahadith from Haythami's *Musannaf*, quoted by Ibn Kathir, *op. cit.*, p. 17.
20. *ibid.*
21. Collected by Ahmad.
22. Collected by Tirmidhi.
23. Collected by Ahmad.
24. Quoted by Dr E. A. Tori, *ibid.*
25. Related by Ash'ari, quoted by M. Z. Ali.
26. Collected by Tabarani and Al-Hakim.
27. *ibid.*
28. Collected by al-Bukhari and Ibn Majah.

29. Collected by Haythami.
30. Collected by Muslim; Imam Muslim's *Sahih*, English translation by A. H. Siddiqi, Muhammad Ashraf Publishers, Lahore, 1987.
31. Collected by Tirmidhi and Ahmad.

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Additional Internet Sites

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- Signs of the Last Hour, G. Ghandy: www.usc.edu/dept/MSA/fundamentals/pillars/signsofthelasthour.html.



REVIEWS

BOOKS

Reviewed by Ruth Parnell

THE CODE BOOK: The Science of Secrecy from Ancient Egypt to Quantum Cryptography by Simon Singh

Publisher: Fourth Estate, UK, 1999
ISBN: 1-85702-879-1 (408pp hc)
Price: AUD\$39.95; NZD\$49.95; £16.99;
NLGf66,90; USD\$24.95
Available: **Aust**—Allen & Unwin, tel (02) 8425 0100; **NZ**—Archetype Book Agents, tel (09) 377 3800; **UK**—Fourth Estate Ltd, tel 0171 727 8993; **Europe**—NEXUS Office, tel +31 1321 380558; **USA**—Doubleday, tel (212) 354 6500

Codes and ciphers have been around for as long as writing, whatever its form, and in *The Code Book* Simon Singh gives an impressive history of this fascinating science of secrecy. Indeed, the use of codes and ciphers has changed the course of history, and Singh charts the evolution of cryptography, encryption and cryptanalysis from as far away as ancient Egypt, Greece, India and Persia, to Renaissance Europe and into the 20th century world wars and beyond.

Simon Singh, who has a PhD in physics and is the author of the bestselling *Fermat's Last Theorem*, brings alive a very complex subject that is a melding of mathematics, linguistics and technology, with due regard to the individuals who have devoted themselves to both codemaking and codebreaking. The variety of cipher systems that has been used is mind-boggling—the Caesar shift cipher, the monoalphabetic and homophonic substitution ciphers, frequency analysis, the Vigenère square and the Great

Cipher of Louix XIV being just a few. Equally fascinating is Singh's description of how Egyptian hieroglyphics and Minoan Linear B writing were decoded, how Navajo codewords were incorporated into a cryptographic lexicon, and how the Germans' Enigma system was cracked by Alan Turing and others during World War II.

Taking his research into our Information Age, Singh considers the technology of quantum cryptography, the challenges to privacy, and the often eccentric individuals who continue striving to create the ultimate code—and then break it. A rewarding read, requiring patience to work through.

CROP CIRCLES: The Greatest Mystery of Modern Times by Lucy Pringle

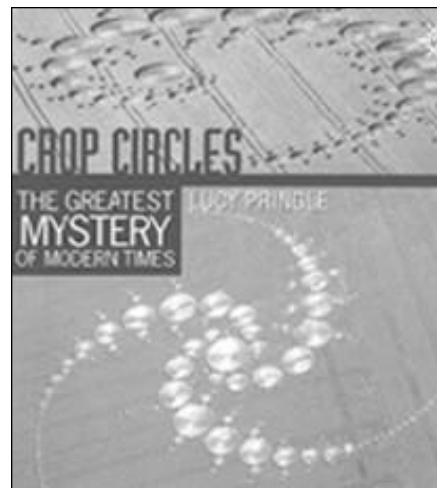
Publisher: Thorsons, UK, 1999
ISBN: 0-7225-3855-3 (144pp hc)
Price: AUD\$39.95; NZD\$44.95; £16.99;
NLGf66,90; USD\$27.00
Available: **Aust/NZ/UK/USA**—Harper Collins/Thorsons; **Europe**—NEXUS Office

Many of the stunning aerial photographs of crop circles that we have seen over the last ten years have been taken by Lucy Pringle. During that time she has also been conducting research on the ground, interviewing people about their experiences in the mysterious crop formations and exploring the associated electromagnetic forces.

Thus her book, *Crop Circles: The Greatest Mystery of Modern Times*, is not only a rich visual presentation (in b&w with a large colour section) but a record of the variety of effects experienced and observed in the field, as it were. The reported effects have been both beneficial and detrimental, and include physical and emotional effects,

consciousness changes, effects on animals, equipment failures, strange synchronicities and other anomalies. The testimony of eye-witnesses who report on their crop circle experiences going back to the 1930s and 1940s is compelling, as is that from people who have seen crop circles being created in the presence of whirlwinds and "luminosities". And while Pringle follows the scientific trail, being involved in the analysis of seeds taken from affected crops, she reports on others who have actually ingested the grain—and not without ill effects.

Pringle debunks the hoaxers, yet in concluding she poses many paranormal possibilities. Are the circles "gateways" to other dimensions? Are they a natural phenomenon occurring on ley lines and aided by atmospheric conditions? Are they of non-human, or even extraterrestrial origin? We are asked to be open-minded about this "greatest mystery of modern times".



REVIEWS



BOOKS

EDEN IN THE EAST

by Stephen Oppenheimer

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8425 0100; **NZ**—Hodder Moa Beckett, tel

(09) 478 1000; **UK**—Orion Books, tel

01903 721596; **Europe**—NEXUS Office;

USA—Trafalgar Square Publishing, tel

(802) 457 1911, fax (802) 457 1913

The cradle of Western civilisation was not in Mesopotamia or India, but in the drowned Southeast Asian continent, argues Stephen Oppenheimer, a medical doctor who has spent the last 20 years working in paediatrics in the Far East and Pacific. Dr Oppenheimer has studied the unique genetic mutations that appear to be markers for the Indo-Pacific migrations that followed a series of floods at the end of the last ice age.

Around 20,000 to 18,000 years ago, Southeast Asia formed a continent twice the size of India. Oppenheimer draws on geological evidence that suggests that three sudden ice-melts occurred around 14,000, 11,500 and 8,000 years ago, resulting in rapid flooding and rising sea levels, forcing the inhabitants of Sundaland (now the Sunda shelf) to distant, safer ground.

Oppenheimer proposes that survivors, in successive waves, took with them their extant skills in language, agriculture, pottery, astronomy, navigation and architecture and dispersed them in Indochina, India, Mesopotamia and the Pacific. Referring to

grinding stones in the Solomon Islands dated to 26,000 years ago, taro cultivation in Indonesia c. 15,000 years ago, pottery-making in Japan 12,500 years ago and rice domestication in the Malay Peninsula 9,000 years ago, he argues for the existence of a prediluvial culture that thrived while much of the north was engulfed in glaciers. When it met its demise, it was these Sundaland survivors who passed on the first creation and flood stories in the west and east, where they were preserved in local mythologies.

Oppenheimer's book is a must-read for its radically different perspective on prehistory.

PROPHECY & PREDICTION: THREAT OR WARNING?

by Ronnie Burns

Publisher: P&P Publishing, Aust, 1999

ISBN: 0-646-38109-1 (266pp tpb)

Price: AUD\$24.95 + \$5.00 p&h in Aust;

overseas orders, visit website

Available: **Australia**—Prophecy & Prediction Publishing Co., Locked Bag 8, Devonport, Tas 7310, tel 1800 999959 (in Aust), fax +61 3 6492 1288, website www.prophecyandprediction.com

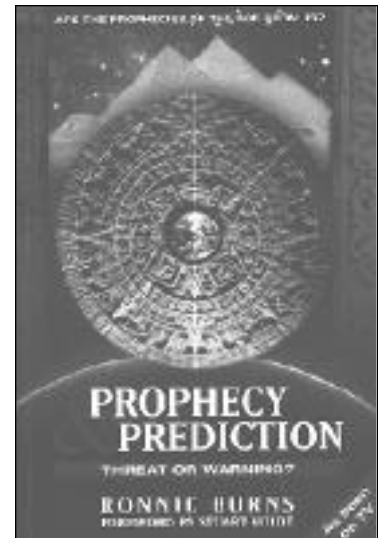
If you're reading this now, you've managed to get through the year 2000 turnaround, but in latter-day prophecy lore there are further milestones to anticipate, particularly regarding so-called Earth changes. That the planet's climate and weather are going through unusual changes is indisputable; but whether these are a lead-up to catastrophic Earth changes scenarios as foreseen by well-known prophets and futurists is open to question—unless they happen, of course!

Prophecy & Prediction: Threat or Warning? is the book that takes over from

where Ronnie Burns' TV documentary of the same name left off. It includes snippets of interviews not included in the program from a variety of commentators on Earth changes prophecies, including Edgar Evans Cayce, Adrian Gilbert, Edmund Harold, Malcolm Jagamara, Tom Kay, Peter Lemesurier, Gordon-Michael Scallion, Moira Timms and Stuart Wilde (who contributes a rousing foreword), as well as prophecies from Nostradamus and Mother Shipton.

The interviews are interspersed under various headings, such as the Great Pyramid and Sphinx, anticipated Earth changes affecting the San Andreas fault and Pacific Rim of Fire, and Hopi Indian and Maya prophecies, and they include both disturbing and hopeful messages for the future.

Amidst it all, Burns remains adamant that any prophesied Golden Age is in our hands.





REVIEWS

BOOKS

VIOLENT WEATHER PREDICTIONS 2000–2001: Countdown to Cataclysm by Jennifer Lawson

Publisher: Llewellyn, USA, 1999
ISBN: 1-56718-414-6 (183pp pb)
Price: AUD\$23.00 inc. p&h; NZD\$28.95;
£7.99; NLGf23,90; USD\$9.95
Available: **Aust**—NEXUS Magazine, tel
(07) 5442 9280; **NZ/Europe**—NEXUS
offices; **UK**—Airlift Book Co., tel 0181 804
0400; **USA**—Llewellyn Publications, tel
(612) 291 1970, www.llewellyn.com

No, you're not imagining it: the world's weather *is* getting markedly worse, and will continue getting worse in 2000 and 2001 according to long-range weather forecaster Jennifer Lawson, who has had a remarkable track record since she began publishing her astrometeorological predictions in 1985 (see interview in this issue).

In her book, *Violent Weather Predictions 2000–2001*, Lawson includes specific dates and places all over the globe where major disasters can be expected—everything from fierce storms and floods, hurricanes and tornadoes to earthquakes and volcanic eruptions. In predicting what type of event will strike which place when, Lawson studies the angular relationships between the Sun, Moon and planets, and thus the electromagnetic (not gravitational) forces that these bodies can exert upon one other.

Particularly important are the celestial bodies' declination points—the angular distance north or south of the equator. For example, when two or more of the slower-moving outer planets are grouped at their most

southerly declination point, the northern hemisphere winter will be severely cold and the summer much cooler than normal.

Moreover, eclipse points can be triggered by planets months down the line: e.g., the 11 August 1999 eclipse point will be triggered in early May 2000—a time when not only destructive floods are predicted, but a catastrophic earthquake, quite likely affecting northern California. The solar cycle maximum, expected to peak by May 2000, will provide a 'double whammy' in the equation.

This is one book that we at NEXUS will be keeping handy over the next two years.

KEEPERS OF THE SECRETS by Robert Sibley

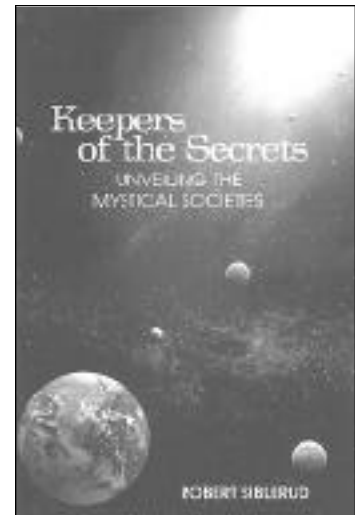
Publisher: Sacred Science, USA, 1999
ISBN: 0-9666856-1-X (270pp tpb)
Price: £12.95; NLGf35,90; USD\$14.95
Available: **UK/Europe**—NEXUS offices;
USA—Sacred Science Publications, 9435
Olsen Court, Wellington, Colorado 80549,
tel (970) 568 7323, e-mail SacScience
@aol.com; AUP, tel (815) 253 6390

Mystical societies throughout the ages have had a profound effect on the progress of civilisation but have also had to be secret, if not go underground, in order to escape persecution and to survive. What many of these groups have had in common, as author Robert Sibley points out, is a set of spiritual beliefs and rituals that are contradictory to the prevailing orthodoxy.

Sibley is a co-founder of a group called the International Association for New Science, which is dedicated to breaking outmoded paradigms of knowledge. This book, *Keepers of the Secrets*, is the second in his so-called Sacred Science Chronicles series. Through his books, Sibley aims for a syn-

thesis of science and religion, based on the precept that they both operate under the same universal laws. He points out how religions have generally failed to make sense of the physical and spiritual realms and certainly haven't satisfied the yearnings of those seeking expanded spiritual truth.

Enter the secret, mystical societies, which over the millennia have protected sacred knowledge and prevented it from getting into the 'wrong' hands. The traditions covered here are Shamanism, Druidism, the Essenes, Gnosticism, the Kabbala, Alchemy, Magic, Hermeticism, Witchcraft, Sufism, Rosicrucianism and Freemasonry. Sibley summarises the key points of their histories and spiritual philosophies/practices on their unique paths to truth and perfection. While his coverage is necessarily only so detailed, he helps demystify subjects that were once considered inaccessible in the public realm.



REVIEWS



BOOKS

UNIVERSE OF WAVES

by Ross Wiseman

Publisher: Discovery Press, NZ, 1999

ISBN: 0-473-05402-7 (384pp tpb)

Price: NZD\$39.95 + p&h in NZ; foreign

orders, NZD\$49.95 inc. p&h

Available: **New Zealand**—NZ orders, NEXUS Office, tel (09) 403 8193; foreign orders, Discovery Press, 22 Mountain Rd, Henderson Valley, Auckland 8, tel +64 9 836 0772, fax +64 9 837 6364

Our universe is a universe of waves, and wave vibrations are the cause of it all, theorises Ross Wiseman. But his theory encompasses more than just physics, to include the biological and social sciences as well.

Some of this Wiseman touches on in his earlier book, *Pre-Tasman Explorers*, where he introduces his theory of socio-economic cycles (see 5/05). Here, in *Universe of Waves*, these are given more detailed treatment under the moniker of "cosmic cycles", and require some understanding of zodiacal traits in order to grasp and appreciate—but they are so broad as to touch on grand evolutionary cycles in geological and biological terms, and even take in alien influence.

Deferring to the ancient Greek philosophers Plato and Aristotle and also Descartes—the three of whom Wiseman considers had the best scientific grasp on the concept of the soul—he applies the wave principle to the soul "fundamentals", and from there makes a wholehearted attempt at explaining basic human experience and consciousness.

None of this makes much sense without delving into Wiseman's description of the wave principle, aka the creative principle,

symbolised in the atomic structure of the diamond. As he rather cutely puts it, "each carbon atom [of the diamond] is a baby tetrahedron". Then there's behavioural mathematics, allowing wave models to be constructed that signify previously unidentified forces represented by a series of non-regular polyhedra which correspond with the signs of the zodiac! Wiseman's approach offers a new twist on the meaning of life, the universe and everything.

NOT BY FIRE BUT BY ICE

by Robert W. Felix

Publisher: Sugarhouse Publishing, 2000

ISBN: 0-9648746-8-7 (254pp tpb)

Price: USD\$15.95 inc. p&h in USA; over-

seas airmail, add USD\$9.00; NLGf38,90

Available: **USA**—Sugarhouse Publishing,

PO Box 435, Bellevue, WA 98009-0435,

tel (425) 451 9311, website [http://](http://members.aol.com/iceagenow/)

Europe—

NEXUS Office, tel +31 (0)1321 380558

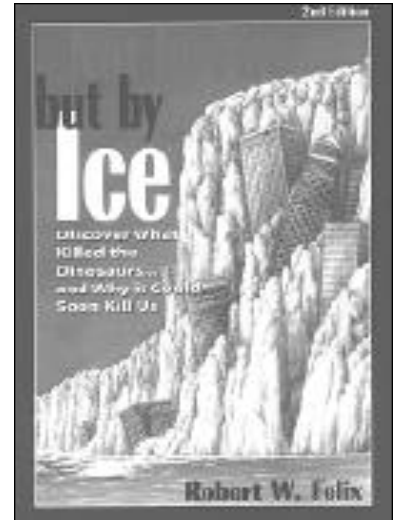
Forget global warming: the planet could be engulfed in an ice age any day, and it could happen almost overnight. This is the conclusion of architect turned independent researcher Robert Felix, who has devoted most of the 1990s to researching a phenomenon that comes around like clockwork every 11,500 years. His well-written and extensively documented book, *Not by Fire but by Ice*, presents a believable argument which is indeed chilling in its implications.

Apart from solar and galactic cycles, Felix sees two major triggers for ice ages: magnetic field reversals and underwater volcanism. Scientists don't dispute that the Earth's magnetic field is in a phase of weakening—which is exactly what has been recorded in ice core and rock samples prior to sudden

reversals and the onset of ice ages in the past. Felix argues that the planet could undergo such a reversal imminently.

As for underwater volcanoes, with many thousands of them active at any one time (80% of them are underwater), such large injections of heat may be enough to change ocean temperatures, trigger El Niño events and dramatically affect global weather systems. The moisture from warmer seas, condensing as rain, could at the right time—particularly during a polarity reversal—produce floods of biblical proportions. But if all that precipitation fell in winter, the result would be unimaginable amounts of snow—enough to bury much of the northern hemisphere in ice and herald a new ice age.

The kinds of events Felix describes are catastrophic, and in the past have resulted in mass extinctions, dinosaurs included. He warns that this could be our fate, too.





REVIEWS

BOOKS

THE CHRIST CONSPIRACY: The Greatest Story Ever Sold by Acharya S

Publisher: AUP, Kempton, IL, USA, 1999
ISBN: 0-75380-679-7 (381pp pb)
Price: AUD\$30.00 inc. p&h; NZD\$32.95;
£12.95; NLGf36,90; USD\$14.99
Available: **Aust/NZ/UK/Europe**— NEXUS
offices; **USA**—Adventures Unlimited, tel
(815) 253 6390, fax (815) 253 6300,
e-mail auphq@frontiernet.net

In this controversial book, *The Christ Conspiracy*, linguist/historian/archaeologist Acharya S examines historical records and commentaries through the centuries and concludes there is no evidence for the existence of an historical Jesus Christ.

Acharya S (*acharya* means "teacher", but we don't know her real name) argues that the gospel stories of Jesus are based on myth built on top of millennia of myth, and were purpose-written by members of certain secret mystery schools to consolidate the numerous religions, cults and sects of the Roman Empire into one state religion—which was then promulgated through the centuries through "forgery, fraud and force".

Millions of people in the last two millennia have met their sad demise at the hands of Christianity—more so than under any other religion, she figures. Indeed, contrary to what we are told about the rapid spread of Christianity, the movement was minuscule even by the mid-3rd century, and most "conversions" for centuries were "by the sword". How's that for a religion based on love and compassion, one that supposedly ended bar-

barism and human sacrifice? Yet the very idea of a crucified deity, in the form of Jesus Christ, was borrowed from much more ancient "sun god" and "saviour god" traditions as found in Egypt and India.

Acharya S's stance is not new; the "mythicist" school, which started to flourish a couple of hundred years ago, has already established erudite arguments for "the Christ conspiracy". Yet her passionate, intensively researched work is powered by her desire to expose the deceptions of the religion business and the horrors that blind faith can bring. Her book is bound to stir emotions.

ASTRAL DYNAMICS

by Robert Bruce

Publisher: Hampton Roads, USA, 1999
ISBN: 1-57174-143-7 (560pp tpb)
Price: AUD\$36.95; NZD\$46.95; £13.99;
NLGf40,90; USD\$16.95

Available: **Aust**—Gemcraft, tel (03) 9888 0111; **Aust/NZ/Europe**— NEXUS offices;
UK—Airlift Book Co., tel 0181 804 0400;
USA—Hampton Roads, tel (804) 296 2772, website www.hrpub.com

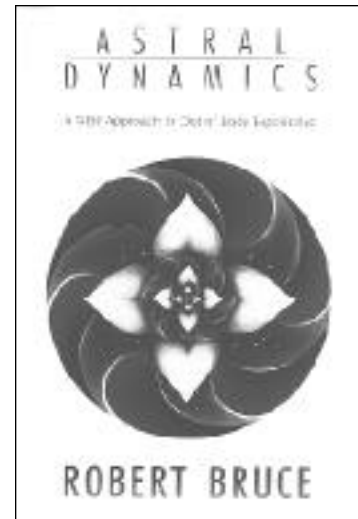
If you're looking for a guidebook that conveys the idea of the vastness of the astral territory that can be covered, together with the theoretical and practical bases for how it can be explored, then you can't go wrong with *Astral Dynamics* by Robert Bruce, an Australian-based mystic, healer, metaphysical researcher and teacher.

Apart from being eminently well written, it's a practical book for novices and experienced practitioners alike. Bruce describes a shortened version of his New Energy Ways (NEW) system of bioenergetic manipulation and development, based on his 25 years of personal research and teaching. It wasn't

until after he'd developed his system that he discovered the similarities it has with Eastern bioenergetics systems—this being because the human energy body *is* what it is and hasn't changed in thousands of years!

The ability to raise and manipulate personal energy is essential for the out-of-body experience, and Bruce's techniques help in utilising this ability in generating the "projected double". Step by step, Bruce guides the reader through the elements of projection (mind-splits, astral sight), new energy ways (imagination vs visualisation, stimulating primary energy centres), core skills (deep physical relaxation) and projection techniques. He explains how the akashic records can be accessed and gives advice on dealing with strange astral phenomena.

This shining torch of a guidebook is written with the integrity and insight of someone who truly knows and wants to impart.



REVIEWS



BOOKS

MAURY ISLAND UFO: The Crisman Conspiracy

by Kenn Thomas

Publisher: IllumiNet Press, USA, 1999
ISBN: 1-881532-19-4 (288pp tpb)

Price: AUD\$28.00 inc. p&h; NZD\$10.95; NLGf36,90; USD\$14.95

Available: **Aust/NZ/Europe**—NEXUS offices; **UK**—Counter Productions, tel 0171 274 9009; **USA**—Adventures Unlimited, tel (815) 253 6390

The post-war UFO era did not begin with pilot Kenneth Arnold's famous sighting of unidentified craft in formation over the Cascade Mountains, but three days earlier, on 21 June 1947, over nearby Maury Island in Puget Sound near Tacoma, Washington. One Harold Dahl, on a patrol boat recovering logs, allegedly observed and filmed six doughnut-shaped craft, one of which was in trouble, lost altitude and spewed black and white metallic substances into the bay, burning his son's arm and killing his dog. Two days later, Dahl's associate Fred Crisman visited the site, viewed the debris and had his own UFO sighting, so he claimed.



These incidents have been generally regarded as hoaxes in UFO lore, but, as Kenn Thomas describes in *Maury Island UFO*, the players and the associated circumstances warrant further analysis. Who was the mysterious Man in Black who visited Dahl the day after his sighting? And why did the Air Force send two investigators to interview eyewitnesses, only to dismiss their deaths in a plane crash and henceforth clamp down on official UFO investigations?

Well, Thomas doesn't have all the answers (many witnesses are now dead), but, drawing on FBI and Air Force documents and his

own interviews with eyewitnesses, he convinces us that weird things did indeed happen at Maury Island. The connections he makes between Crisman's intelligence background and various conspiracy-type events (e.g., the JFK assassination) in ensuing decades take this book well beyond the bounds of ufology, but without necessarily resolving their relationship to the original event. With extensive footnotes and appendices (occupying nearly half the pages), Thomas's book is the most definitive Maury Island account yet available.

THE ATLANTIS CONNECTION

by W. T. Samsel

Publisher: Starfire Publishing, USA, 1998
ISBN: 0-9666607-0-6 (220pp tpb)

Price: USD\$14.95 + \$3.00 p&h; overseas airmail, add USD\$8.00; NLGf36,90

Available: **USA**—The Atlantis Connection, 135 Pony Soldier Rd, Sedona, AZ 86336, tel +1 (520) 203 0703, website www.wtsam.com; **Europe**—NEXUS Office, tel +31 1321 380558

The search for the lost continent of Atlantis has always had "fringe" status in science and academia, but much popular appeal. *The Atlantis Connection* is not out to convert the sceptics (it won't; its contents are of the channelled variety), but to inspire seekers after ancient truth and wisdom.

What if *you* underwent a past-life regression and, soon after, began channelling messages from an unexplained source? This is what author W. T. Samsel claims happened to him in 1988 when he started receiving automatic-writing messages from an entity named Tiagorrah, a high-caste Atlantean from Poseidon with a vitally important message for humanity (but don't they all have one?!). So what would you do? Dismiss it? After his life-changing experiences, Samsel opted to spread the word to the world.

Apparently, says Tiagorrah, we are poised to repeat the same mistakes that led to the demise of the Atlanteans—much of these revolving around improper use of technology and disregard for nature and universal laws. Amidst his warnings, Tiagorrah enlightens Samsel to "our relations from the stars" and links with Egypt, Atlantean history, culture, religion, ritual and technology (including air and space craft), the three cataclysms of Atlantis, and more. Even in these legendary times, rogue Atlanteans allegedly used mind-control technology to subdue populations—and Tiagorrah says today's New World Order is preparing for the encore on a stage set up long, long ago.

As Samsel says, it's up to the reader to determine how valid and useful this information is in an individual sense—and, ultimately, for the entire human collective.



REVIEWS

BOOKS

THE PATH OF THE POLE

by Charles Hapgood

Publisher: Adventures Unlimited Press, USA, 1999

ISBN: 0-932813-71-2 (413pp tpb)

Price: AUD\$35.00 inc. p&h; NZD\$34.95;

£15.50 inc. p&h; NLGf40.90; USD\$16.95

Available: **Aust/NZ/UK/Europe**— NEXUS

offices; **USA**—Adventures Unlimited, tel

(815) 253 6390, fax (815) 253 6300,

e-mail auphq@frontiernet.net

Readers who have appreciated all the articles and reviews we've published on geological cataclysms, pole shifts and the demise of Atlantis will be pleased to know that one of the sourcebooks for postmodern thinking in these areas has been reprinted. This is Charles Hapgood's *The Path of the Pole*, first published in 1958 and revised in 1970, and it is the book containing the oft-quoted foreword in which Dr Albert Einstein comments on the validity of the author's theory of crustal displacement.



According to Hapgood (whose previous book, *Earth's Shifting Crust*, caused a stir, as did his *Maps of the Ancient Sea Kings*), the North Pole has occupied three different positions in the last 100,000 years, the last change occurring between only 18,000 and 12,000 years ago. He presents evidence, based on geomagnetism and radioactive dating, that the last crustal shift took place at the end of the last ice age and caused an improvement in climate. In view of recent discoveries about magnetic field reversals that have affected the polarity of the Earth's crust over the aeons, Hapgood's theories are gaining more attention from academia.

In this landmark book, Hapgood postulates why the ice ages and climatic changes have

not been adequately explained, and he examines the behaviour of the last great ice sheet, polar changes, the shaping of the Earth's surface features, the extinction of the mammoths and the problems with the fossil record. Full of hard-core scientific analysis and referencing, Hapgood's thesis demands that we ask not just *if* a major cataclysmic event will happen again, but *when*.

IN THE DOMAIN OF THE LAKE MONSTERS

by John Kirk

Publisher: Key Porter Books, 1998

ISBN: 1-55263-010-2 (303pp tpb)

Price: AUD\$24.95; NZD\$24.95; £n/a;

NLGf43.90; CAD\$24.99

Available: **Aust/NZ**— UniReps, tel +61

(0)2 9664 0999, e-mail info.press@unsw.

edu.au; **UK**—Gazelle Book Service, tel

01524 68765; **Europe**—NEXUS Office, tel

+31 1321 380558; **Canada**—Key Porter

Books, tel (416) 213 1919, 1800 387

0172, website www.keyporter.com

The idea that ancient prehistoric creatures still exist in land-locked lakes and in rivers and seas continues to captivate the public imagination. As Canadian cryptozoology researcher John Kirk knows all too well, serious investigators have to sort through the frauds, hoaxes and myths to get close to the truth, but there are sufficient credible eyewitness accounts from around the world that suggest that these and all sorts of anomalous animals do in fact exist. Occasionally these elusive creatures are filmed or photographed, but orthodox science won't acknowledge their existence until physical specimens are obtained.

For his book, *In the Domain of the Lake Monsters*, Kirk records his own experiences in search of "Ogopogo"—Canada's answer to Scotland's "Nessie", that has a long history of sightings in Okanagan Lake, British Columbia. His two brief glimpses of the famed creature in the late 1980s spurred him on to investigate the global "lake monster" phenomenon. The creature most often described very closely fits the picture of a plesiosaur—that finned, large-bodied, long-necked relic of the dinosaur age—and it has been sighted all over Canada and much of the United States, in Ireland and Scotland, Europe and Scandinavia, Central and South America, Africa, Asia and Australasia.

Kirk has an engaging style, and the story of his expeditions in Canada and Scotland, his media experiences and his evidence-gathering and interviewing makes for an exciting read. If only he could have included some photos, video stills or eyewitness drawings as an aid to visualisation.

REVIEWS



VIDEO

Reviewed by Duncan Roads

CANCER: TRUTH OR CONSEQUENCES?

with Sifu Gregory James Crockett

Producer: Gorilla Hill Moving Pictures, Australia, 1999 (PAL/VHS, 2hrs 45mins)
Price: AUD\$45.00 inc. p&h in Aust; overseas orders, add AUD\$10.00 airmail p&h
Available: **Australia**—The Gorilla Hill Project, PO Box 23, Tyalgum, NSW 2484, tel/fax +61 2 6679 3457, website www.gorillahill.org.au

Sifu Gregory James Crockett is one of the growing number of people who have successfully cured themselves of cancer. Like most of these people, Gregory is obviously filled with a passion to "tell the world"—and why not!

Thus was born the Gorilla Hill Project, a multi-faceted, multi-million-dollar venture that aims to "make a positive and humanitarian influence on our society". This video is but the first in a series of projects which aim to inform, educate and enlighten people, especially those suffering from disease.

This first video certainly lifts the lid on the cancer industry and its many (vested-interest) proponents. It is the type of video I would give to someone who has recently discovered they have cancer or a similar illness. The scope of information presented would make most people think twice before opting for the usual drug/surgery/radiation treatments. It includes the success rates (or lack of) of these standard medical procedures, and offers solutions of a non-toxic and health-improving nature.

Sifu Gregory James Crockett, OMD, MD, also happens to be a Master Physician of Natural Medicine and has been involved in the practice and research of medicine for 18 years. Using natural medicine, he successfully overcame his own health challenges, including severe back injury, epilepsy and cancer. He claims to have gathered over 3,500 testimonials from his thousands of satisfied patients over the past 18 years.

In an age when our sickness represents profits for some of the world's largest companies, it is clear for those with eyes to see that there is no financial incentive to come up with any cures, just fixes. And the fixes themselves most often generate further illness, thus perpetuating illness for us and profits for them.

The Gorilla Hill Project is still in its infancy, so if you are looking for like-minded visionaries and achievers situated in one of the most picturesque parts of Australia, I would suggest you give them a call.

CD-ROM

Reviewed by Duncan Roads

REALM OF THE HOLY GRAIL Volume One: A Quest for True Grail Tradition

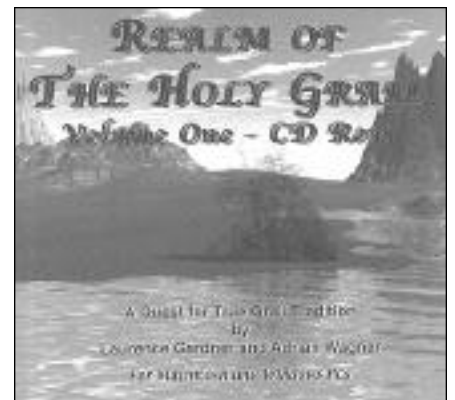
by Laurence Gardner and Adrian Wagner

Producer: Multi MediaQuest International, UK, 1999
Price: AUD\$65.00 inc. p&h in Australia; NZD\$/a; NLG\$/a; £24.95 inc p&h in UK (overseas orders, add £2.50 p&h)
Available: **Aust/NZ/Eur**—NEXUS offices; **UK/USA**—MediaQuest Int'l Ltd, Dyfed, Wales, UK, tel +44 1239 710594, fax +44 1239 711343, www.mediaquest.co.uk
Computer Requirements:
Macintosh-32Mb RAM (min); 68040 processor or above; MacOS 7 or above;
PC-32Mb RAM (min); Windows 95/98/NT; Pentium recommended; Sound Blaster compatible sound card.

This is a simple-to-access, comprehensive collection of the works and research of Chevaliers Laurence Gardner and Adrian Wagner. Upon launching the main program, you are given an easy-to-follow menu into either *The Bloodline of the Holy Grail* or *Genesis of the Grail Kings*.

Each of these two sections has a similar list of options, as follows: a talk given by Sir Laurence Gardner (which you can also read as he speaks); a talk given by Adrian Wagner; an interview with Sir Laurence (from the Laura Lee radio show), covering topics such as the Essenes, the dynasty of Jesus, the Celtic Church, Princess Diana, Freemasonry, etc; a display of paintings from Entropic Fine Art; and links to Internet sites and stores (for online ordering).

Finally, this *Realm of the Holy Grail* CD-ROM gives you access to the two related music CDs composed and produced by Chev. Adrian Wagner: *Holy Spirit and the Holy Grail* and *Genesis of the Grail Kings*.





REVIEWS

MUSIC

Reviewed by Richard Giles

CELESTIAL MOZART: For Relaxation by Gerald Jay Markoe

Producer: Gerald Jay Markoe for Astromusic, Boqueron, PR, USA, 1999 (63mins)
Distributor: **USA**—Astromusic, PO Box 1258, Boqueron, PR 00622, www.astromusic.com

Gerald Jay Markoe has been involved in inspirational music since the 1980s and has produced several relaxation music classics, two being *Music from the Pleiades* and *Music of the Angels*. Both of these topped the ambient charts when released, and today are considered new-age classics. Here he performs a number of Mozart's well-known concertos, including No. 21 (used as the theme music for *Elvira Madigan*). All are slow and gorgeously orchestrated, and work on the cellular level by operating in the 28 to 60 beats-per-minute cycle. Brilliantly therapeutic for reprogramming the body.

ONE TRUTH

by Omar Faruk Tekbilek

Producer: Yuval Ron for Hearts of Space, San Francisco, USA, 1999 (65mins)
Distributors: **Australia**—MRA Ent'ment, tel (07) 3849 6020; **USA**—Hearts of Space, tel (415) 331 3200, www.hos.com

Omar Faruk Tekbilek is a musician of genius who has a string of albums that offer sacred music of the Middle East to world audiences. In *One Truth*, he successfully brings the passion and poetry of Sufi mysticism to the studio, melding devotional lyrics and traditional instruments with modern technologies. Following his *Crescent Moon* album (NEXUS 6/03), this is a move into the sounds of the burning rhythms and intensities of Sufism. A superb window into the devotional and love songs of Islam.

TRIP TO THE SUN

by Tracy Scott Silverman

Producer: Tracy Scott Silverman for Windham Hill, USA, 1999 (42mins)
Distributor: **Aust**—BMG Distribution, tel (02) 9900 7888; **USA**—BMG Distribution, tel (212) 930 4942, www.windham.com

Tracy Silverman is a classically trained violinist who has moved in rock, big band, jazz and world music fields, making his reputation with the Turtle Island String Quartet in the 1990s. The opening track on *Trip to the Sun* is a most moving, mesmerising version of George Harrison's "Here Comes the Sun". It's followed by several of his own works, a version of Jimi Hendrix's

"A Mermaid I Should Turn To Be" and several collaborations with ambience master Terry Riley. A must-have, unique, original album, worth it for the Harrison track alone.

CHO KU REI

by Weave

Producer: Weave for Etherean Music, USA, 1999 (59mins)

Distributor: **USA**—Etherean Music, tel 1888.384 3732, fax (303) 985 0292

If you've been looking for an album to aid your healing sessions or increase relaxation time at home, or if you just want to enjoy the sacred sounds of the Reiki healing process, then *Cho Ku Rei* is it. The album is from Reiki master Weave, using the first of the five Reiki symbols, the Cho Ku Rei. This symbol increases healing energy (counter-clockwise) and can be used either to give energy to a specific area or to release blocked energy. Cho Ku Rei is the goddess energy within all. A sublime album.

ROUTES: 20 YEARS OF ESSENTIAL FOLK ROOTS & WORLD MUSIC

Producer: Ian Anderson for Nascente Music, UK, 1999 (2CDs, 153mins)

Distributors: **Aust**—Festival Records, tel (02) 9955 8000; **UK**—Nascente Music, London, website www.vci.co.uk

The magazine *Folk Roots* has been lovingly edited by Ian Anderson in the UK for the last two decades, and it's he who is behind this *Routes* compilation and companion volume *Roots*, which covers the music of Britain, Ireland and North America. This album embraces samples from the entire world music genre, bringing them together in one place. It has all your favourites, including Maryam Mursal, Youssou N'Dour, Ali Farka Toure, Baaba Maal, Buena Vista Social Club, Tarika, and many more. With two-and-a-half hours of some of the best world music of the last two decades, this is an exciting addition to your collection.



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assist consumers who want to know what they are ingesting.

Take recombinant bovine growth hormone (rBGH) and bovine somatotropin (BST), injected into commercially raised dairy cows in the belief that this forces them to produce more milk. The United States is the only country in the world that uses BGH. Dairy companies were forbidden to state that they did not use BGH or BST in their products until Ben & Jerry's Ice Cream and Stonyfield Farms instituted a lawsuit in 1995. In 1998, the restrictive labelling law was finally overturned. Although the FDA and the hormone manufacturers (Monsanto, American Cyanamid, Upjohn, Eli Lilly and Dow) insist that the hormones are safe, the FDA admits that the synthetic chemicals differ in molecular structure from the normal hormone by as much as three per cent. The artificial hormones are linked to hormone changes and allergies in human beings. Cows given the chemicals suffer from infertility, loss of fat, heat intolerance, failure to lactate, arthritis, kidney and heart abnormalities, gastric ulcers and increased susceptibility to infec-

tion. In response to these infections, cattle farmers give the cows huge doses of antibiotics, which migrate into the milk and then the humans who drink it. The composition of hormone-laced milk is altered: protein decreases, and fat increases by up to 27 per cent. Even so, a company that refuses to use the artificial hormones must include a disclaimer on its labels, stating that there is no proof that these chemicals do any harm and that the milk from injected cows is identical to that from normal cattle.

Other items besides cosmetics that the FDA will *not* permit to be plainly labelled are *genetically engineered* foods and *irradiated* foods. We must ask for whose benefit these labelling laws exist.

20. Sometimes, ingredients that by themselves are poisonous become transformed during the manufacturing process. One example is lye (typically derived from wood ash). Drain openers contain pure lye because it is caustic and dissolves whatever it touches. But lye is also used to make soap. When mixed with water and fat (animal or vegetable)—the main ingredients of soap—the lye catalyses a chemical process that produces a final product with different characteristics from the original ingredi-

ents. Castile soap and simple homemade soaps, generally regarded as mild, are also made this way. However, some skin care experts believe that even though the lye becomes transformed in the soap-making process, it produces a less than completely safe end-product. For this reason, companies such as Aubrey Organics prefer to use salt as a catalyst instead of lye. Soaps made with sea salt may indeed be healthier than those made with lye; and soaps made with lye are preferable to soaps containing synthetic detergents made with artificial coconut oil extracts and/or the toxin diethanolamine (which remains in the detergent).

21. The manufacturer may claim that an oil is "additive-free", but by law this can refer to the final mix only. Additives such as propylene glycol, synthetic linolol acetate and SD-40 are commonly used to extract oils quickly, which saves time and increases product volume (and profits for the manufacturer). Sometimes companies in the natural health market that genuinely care about their ingredients still use debatable substances in the manufacturing

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process because they believe that the harmful chemicals can be thoroughly removed before the product is packaged. One example is grain alcohol (which is natural, but drying to the skin), employed in a "cold extraction" process to distill the essential oils from herbs. The companies later eliminate the alcohol from the mixture by gently warming the oil or lotion before the product is bottled, and the resulting compound is referred to as "natural". Nevertheless, chemicals can remain in the steam used to extract the oils and be impossible to remove later. The "cold extraction" process utilising grain alcohol may be the least destructive of all commercial chemical extraction processes. However, any essential oil that is adulterated by chemicals (and simultaneously extracted too quickly from the plant) is rendered less effective to useless for genuine aromatherapy and serious healing.

Naturopath Gary Young, founder of Young Living Essential Oils, refuses even to use alcohol. He prefers a tediously slow, virtually no-pressure steam extraction process using complicated stainless steel

(not aluminium) distillers of his own design. Although this elaborate extraction process substantially raises the price of his essential oils, Young declares that it also maintains the integrity of the oils' molecular structure and thus their bioelectrical field (and their ability to truly heal). Young also claims that because his oils are among the purest in the world, people with MCS can tolerate them because there are no chemicals to cause harsh reactions, and the high frequencies of the oils raise the vibration of the tissues and thus allow the body to correct its imbalances.

22. The labelling laws for harsh detergents produced by a national corporation apply equally to a country woman who sells simple handmade soap made from the milk of her goats and some home-grown organic herbs. Although there is a huge difference between a caustic bathroom cleaner and her product (it is highly improbable that she would add pesticides to her soap), her soap is legally considered comparable to a dangerous commercial detergent.

Continued in the next issue of NEXUS...

Endnotes

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About the Author:

Nina Silver, PhD, is an holistic health educator, Reichian psychotherapist and social-change agent. Her non-fiction, fiction and poetry in the fields of psychology, health, feminism, natural science and metaphysics have been internationally published.

The Invention of Wireless Radio Communication

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In 1881, Loomis gave a speech on his invention to the famous Franklin Institute in Philadelphia—a fitting connection, linking Loomis to his genius predecessor, Ben Franklin.

In essence, Congress had assured his failure. This left the field to Marconi, who was funded with millions of pounds from the British Post Office.

Loomis spent his final days experimenting with steel pipes on wooden towers. He practised dentistry only when necessary, in order to earn money to survive.

I can find very little information on the personal character of Mahlon Loomis. He died at his brother's home in Terra Alta, West Virginia, and is buried, unknown and unheralded, in the local cemetery.

Mahlon Loomis's steel pipes up the side of wooden poles were not unlike my copper wire up the side of the wooden poles of the (low frequency) radio range navigation station, on the border of the Irish Free State, that I kept on the air during World War II.

Our station functioned at 330 kilohertz—that portion of the radio spectrum between

50 kHz and the broadcast frequencies starting at 500 kHz. It is the portion of the radio spectrum called low frequency (LF), and is the portion that Nikola Tesla worked with. Our Magheramena radio range was thus a low-frequency Tesla station—and I, at 18 years of age, had been trained by the Army Air Force in Tesla science.

Low frequencies were used for two good reasons. The first is that instead of shooting up into the sky, like high frequencies, they hug the surface of the Earth and thus lend themselves to Earth-hugging beams. The second, of course, is that the Germans utilised no low frequencies, so they never picked up our transmissions.

The famed twin-tailed Messerschmitt 110E, with a range of 1,800 miles, could easily have destroyed our station. With a speed of 350 mph and service ceiling of 32,000 feet, the 110E could sneak across Ireland.

The BF-110E fighter-bomber was called the *Zerstörer* (Destroyer). It was little talked about during the war, although it was without a doubt the best fighter-bomber ever built. The United States could easily have won the Vietnam War with it. It was also an invisible weapon.

Since we were only eight miles from the ocean, where German subs roamed, a more likely demise of our installation—had it been detected—would have been from a German commando raid. Our one .45 and two Thompson submachine guns would probably not have served us very well.

Little did Mahlon Loomis ever imagine that his elegant invention would, less than a century later, be saving thousands of lives of American and British airmen and merchant seamen.

About the Author:

Philip S. Callahan, PhD, is a rare combination of scientist, natural philosopher and world traveller. He is the author of numerous scientific papers as well as 14 books, including *Insect Behavior* (1971), *Tuning in to Nature* (1975), *Birds and How They Function* (1979), *Ancient Mysteries, Modern Visions* (1984), *Nature's Silent Music* (1992), *Exploring the Spectrum* (1994), *Paramagnetism* (1996), and *My Search for Traces of God* (1997)—a very personal memoir that describes his own spiritual development, the influence of divine guidance on his discoveries, and the physics of miraculous events (see review in 5/06).

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Jim, if there is urgency, why would the aliens go to you when you have no resources to make radical changes?

"Maybe it isn't just Jim Sparks. It could be a million other abductees, too, for all I know. Maybe all of us are going to do something at the same time. It's a very complicated thing. I wish I had the power today to go down to South America and Malaysia and snuff the fires out. I don't. I know there are organisations like Greenpeace and the Sierra Club and Save the Rainforests—but have they stopped things, either?"

Jim, what happens if there's no change in the status quo?

"I think the aliens want to do this with our help. But if that doesn't work, I think they are going to intervene. They use a minimal amount of energy to get the most work done. I think that if they can interact with individuals on this planet, give advice, give technology, show ways of doing things that are better for survival, they'll do that first."

But why? What's in it for the aliens?

"The same thing they've been doing with

us for the past several thousand years.

Which is?

"They farm us. They clone us. They make organs from us, and all kinds of stuff. I'm not saying they are wonderful, benevolent beings coming down here to save the Earth. Bullshit! They have their own self-interests."

So, Jim, they want to preserve the Earth so they can continue to harvest DNA from certain bloodlines?

"Yeah. I think the Earth will be fine, eventually. But humans might not be able to live on it. You need a certain percentage of oxygen to breathe."

You mean the aliens are trying to get their 'crop' to stop self-destructing, so they can keep harvesting what they need.

"That's right. And remember, Linda, when this stuff started happening, I didn't ask for it. And not only did I not ask for it, I didn't want anything to do with it."

Endnotes

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Editor's Note:

This text was extracted, with permission, from chapter 3 ("Other Beings, Other Worlds") of Linda Moulton Howe's book, *Glimpses of Other Realities – Vol. II: High Strangeness* (Paper Chase Press, USA, 1998, ISBN 1-879706-78-4) (see review in NEXUS 5/05).

About the Author:

Linda Moulton Howe is a graduate of Stanford University, USA, and has a Masters degree in communication. She is a science and environment reporter for radio and television, and reporter and editor on www.earthfiles.com and with Premiere Radio Networks. For the last seven years without interruption, she has reported news for both *Coast to Coast AM with Art Bell* and *Dreamland on Sundays*.

Linda's film documentaries, *A Strange Harvest* and *Strange Harvests 1993*, explored the worldwide animal mutilations phenomenon. Her books include *An Alien Harvest; Glimpses of Other Realities – Vol. I: Facts & Eyewitnesses*; and, most recently, *Glimpses of Other Realities – Vol. II: High Strangeness*. These are available on the Internet via amazon.com and barnes&noble.com. Linda's books and videos can also be obtained through NEXUS offices in Australia, NZ, UK and the Netherlands.